

FIG. 1

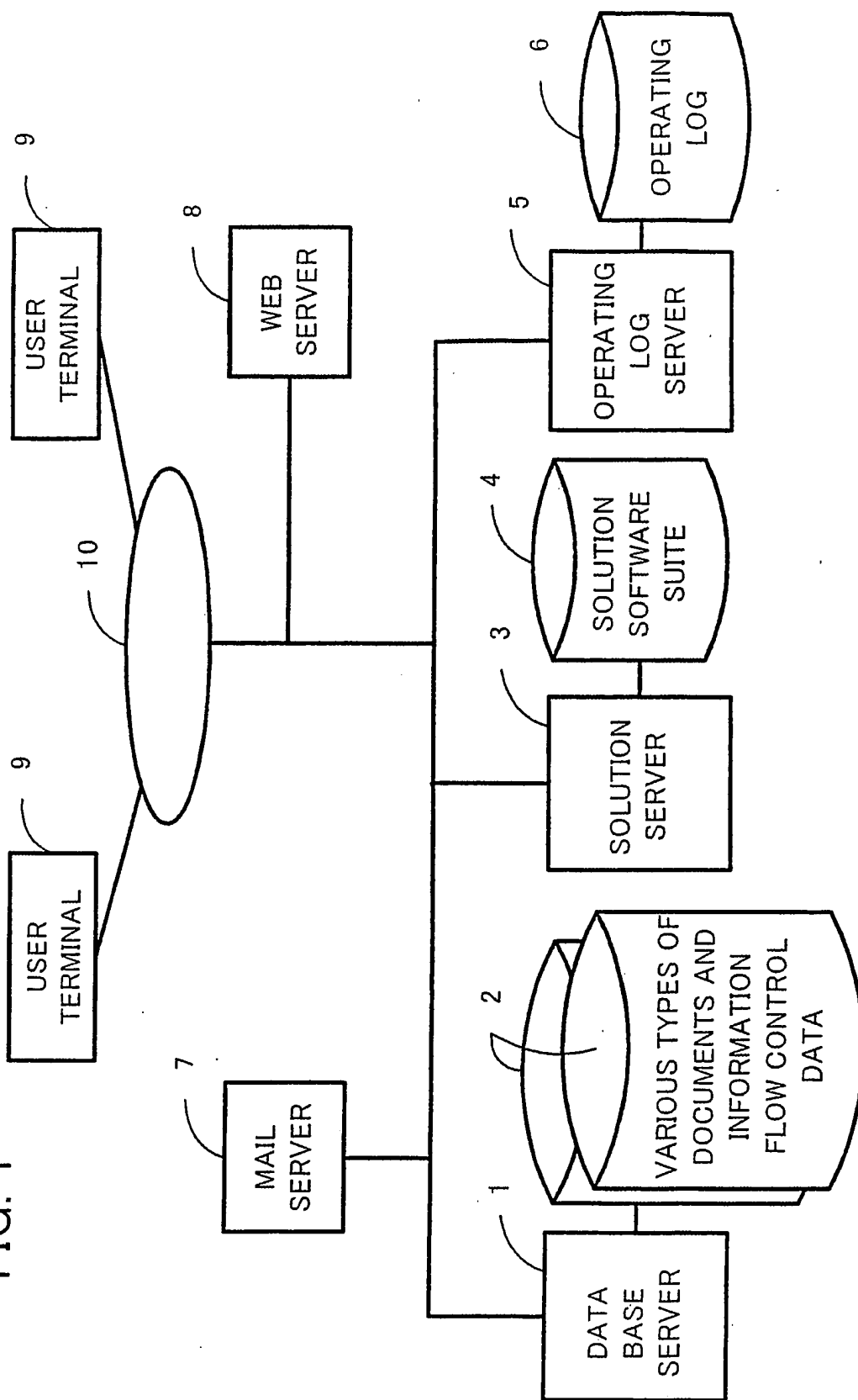


FIG. 2

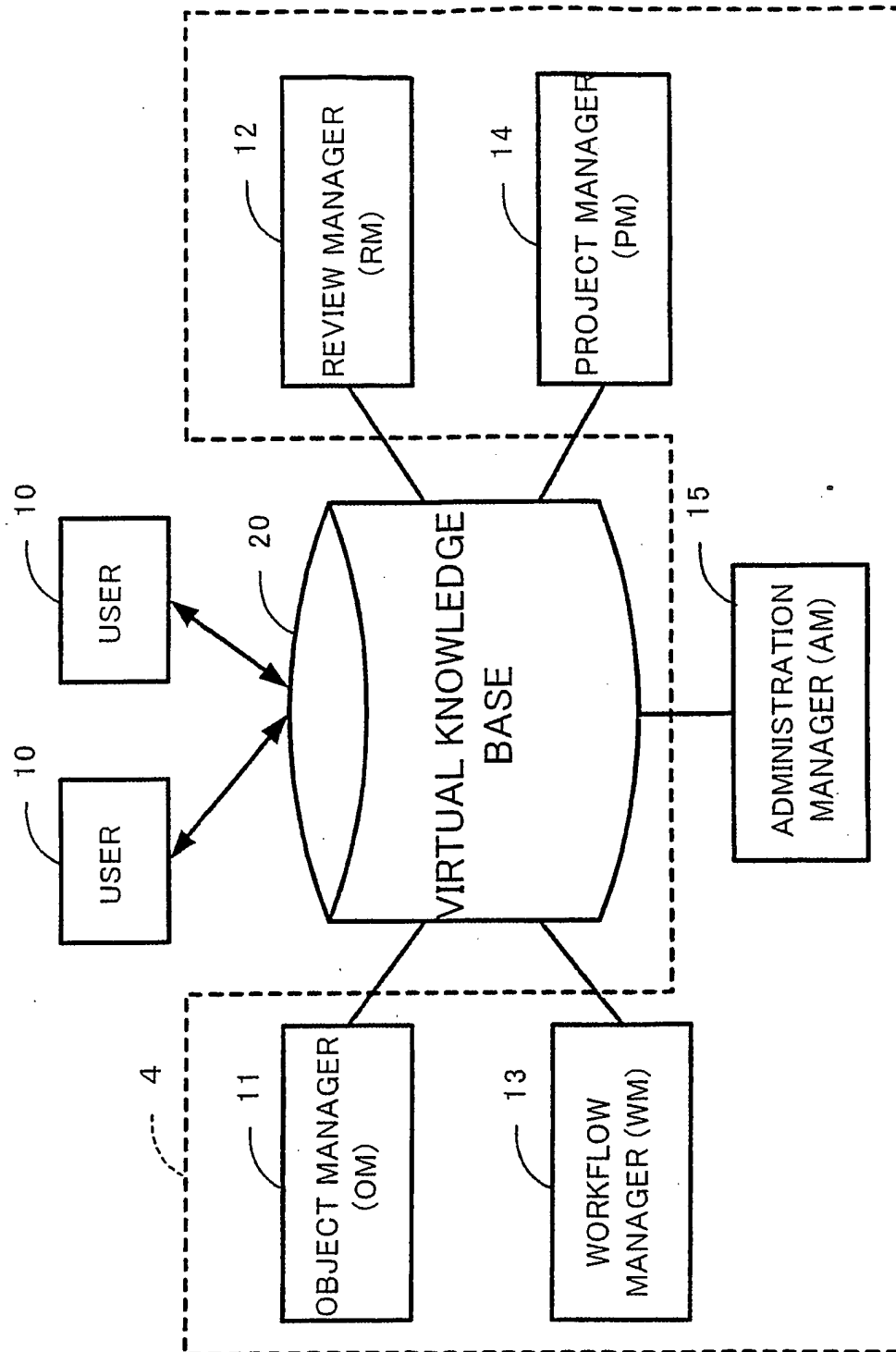


FIG. 3

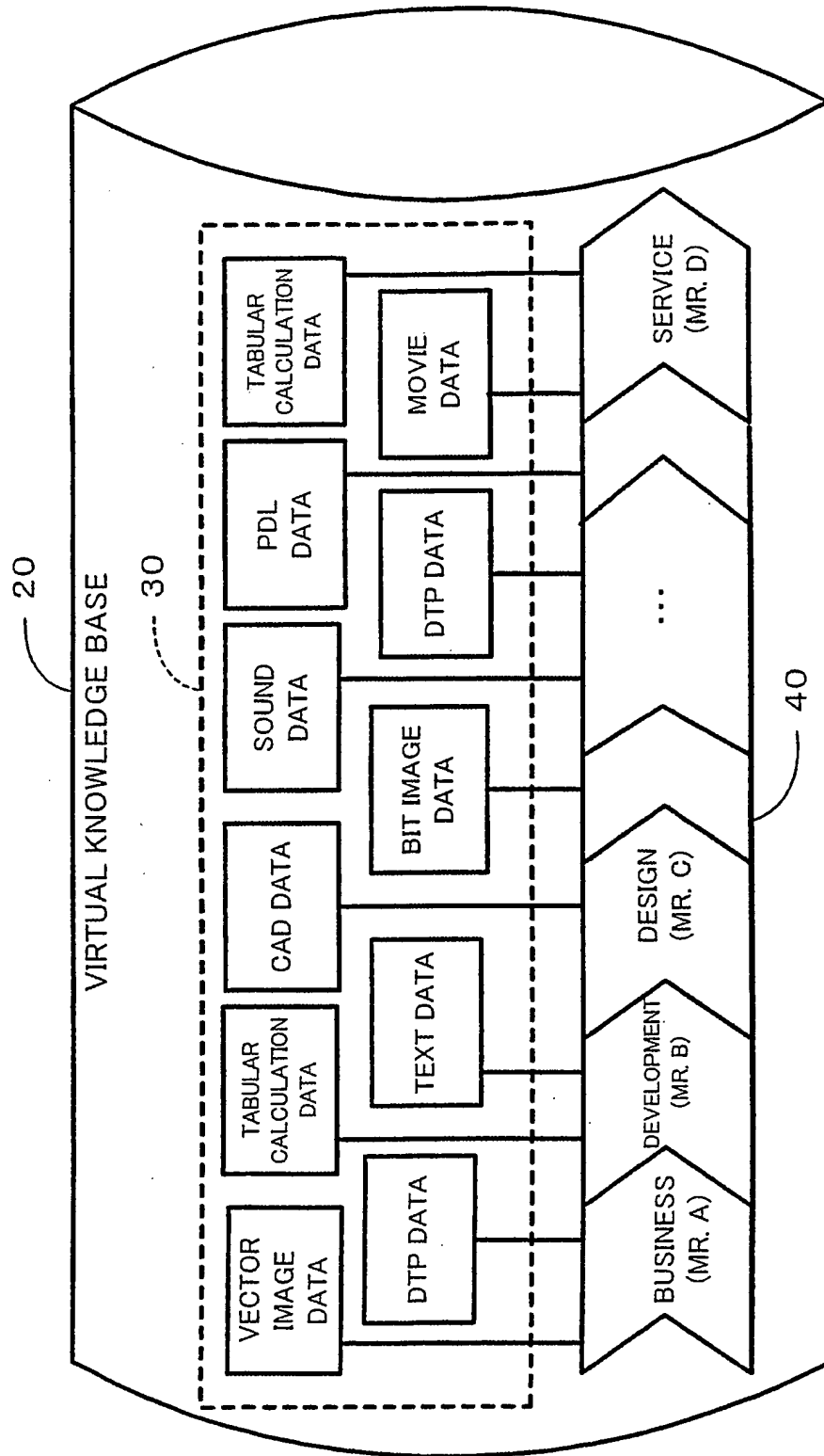


FIG. 4

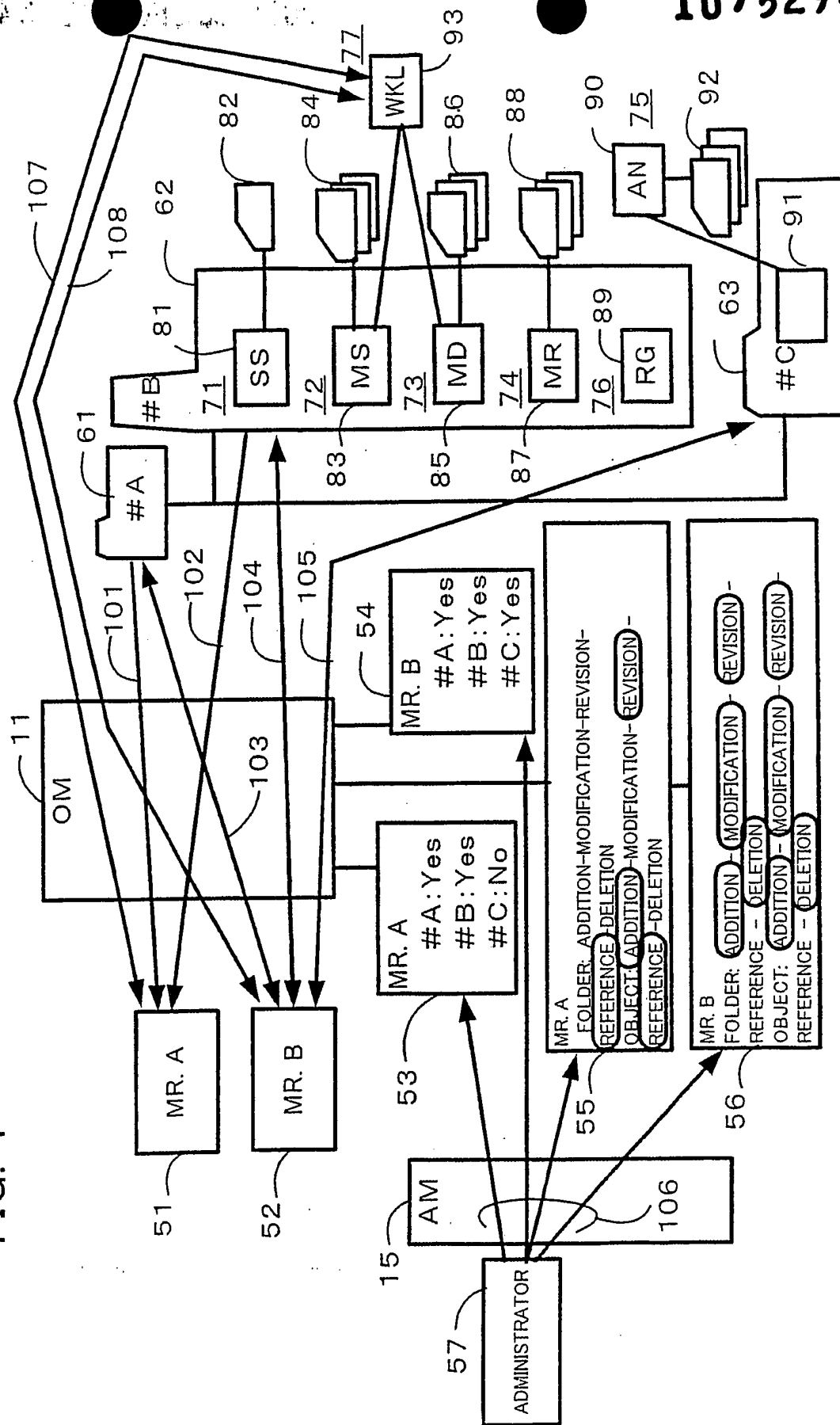


FIG. 5

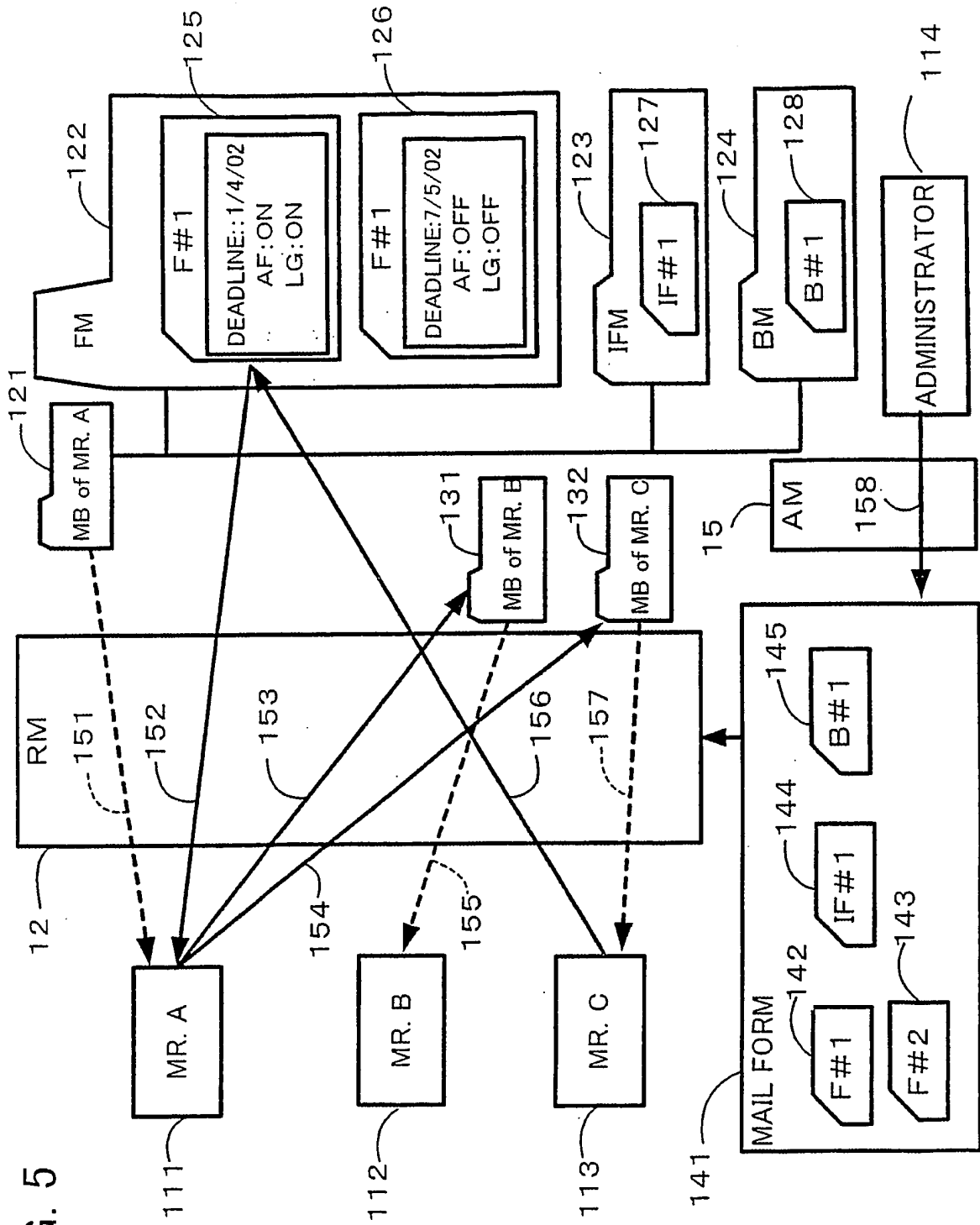


FIG. 6

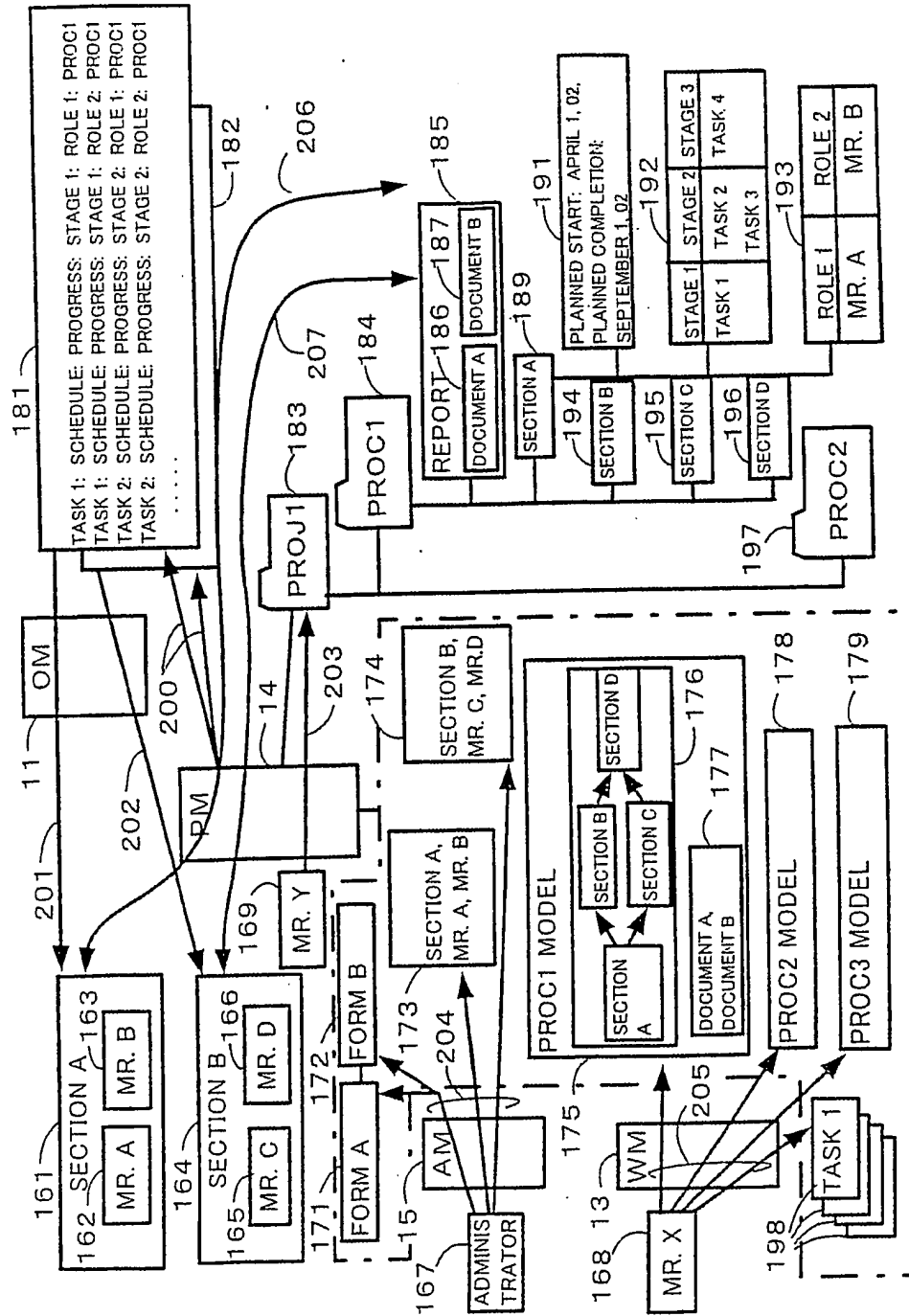


FIG. 7

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout

Workflow Structure Section Shift TKIC Design R & D Finance Hardware Software Development R & D Hardware Research Software Scope Testing Training

Registration Choose Process Section Task Sub Task Shift

504 Choose Workflow Choose Search Choose

505

506

507 No. of Processes 5 Select no of Process 5 GO

1 of 1Page

No.	Process Name	Creation Date	Rev No	Author	Form	Select
1	Scope	03/15/2002 23:38	1. 0	Jack	Approval	<input type="radio"/>
2	Design	03/15/2002 23:38	1. 0	Jack	Default	<input type="radio"/>
3	Development	03/15/2002 23:39	1. 0	Setya	Approval	<input type="radio"/>
4	Testing	03/15/2002 23:40	2. 1	HKS	Default	<input type="radio"/>
5	Training	03/15/2002 23:41	9. 1	John	Approval	<input checked="" type="radio"/>

301 Administrator (AT)

FIG. 8

Object(OM) Review(RM) Workflow(WM) Project(PM) Logout

Registration Process ☒ Workflow ☒ Search Choose ☒

504

Workflow Structure

Section Shift

TKIC Design R & D Finance Hardware Software Development R & D Hardware Research Software Scope Testing Training

500

Process

No. of Processes 5

Select no of Process 5 GO

1 of 1 Page

No.	Process Name	Creation Date	Rev No	Author	Form	Select
1	Scope	03/15/2002 23:38	1.0	Jack	Approval <input checked="" type="checkbox"/>	<input type="radio"/>
2	Design	03/15/2002 23:38	1.0	Jack	Default <input checked="" type="checkbox"/>	<input type="radio"/>
3	Development	03/15/2002 23:39	1.0	Setya	Approval <input checked="" type="checkbox"/>	<input type="radio"/>
4	Testing	03/15/2002 23:40	2.1	HKS	Default <input checked="" type="checkbox"/>	<input type="radio"/>
5	Training	03/15/2002 23:41	9.1	John	Approval <input checked="" type="checkbox"/>	<input type="radio"/>

508 New 509 Modify 510 Delete 511 OK

Administrator (AT)

FIG. 9

Object(OM) Review(RM) Workflow(WM) Project(PM) Logout

Workflow Structure

Section Shift

TKC Design R & D Finance Hardware Software Development R & D Hardware Research Software Scope Testing Training

Registration Process Workflow Choose Search Choose V

Register New Process

Process Name	Change Control
Revision No.	1.0
Author Name	Tanaka

You can select Form for this Process. For description Click on them

☒ Approval 513 ☒ Default 514 ☐ Specifications 515

OK Clear Cancel

500 501 503 512 516

Administrator (AT)

FIG. 10

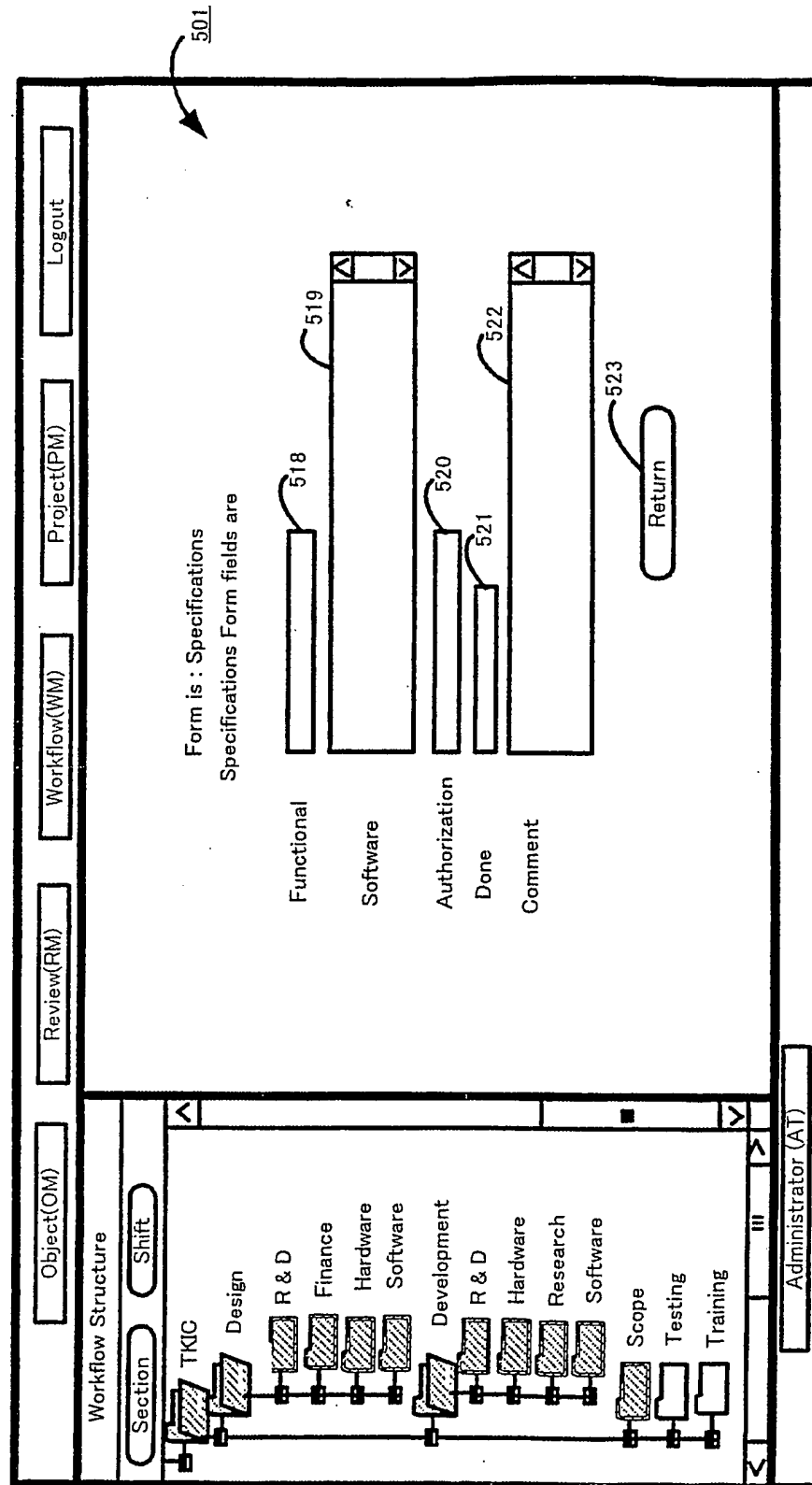


FIG. 11

Object(OM) Review(RM) Workflow(WM) Project(PM) Logout

Registration Choose Workflow Choose Search Choose

Workflow Structure Section Shift

TKIC Design R & D Finance Hardware Software Development R & D Hardware Research Software Scope Testing Training

505M

505

507

1 of 1 Page

No.	Process Name	Creation Date	Rev No	Author	Form	Select
1	Scope	03/15/2002 23:38	1.0	Jack	Approval <input checked="" type="checkbox"/>	<input type="radio"/>
2	Design	03/15/2002 23:38	1.0	Jack	Default <input checked="" type="checkbox"/>	<input type="radio"/>
3	Development	03/15/2002 23:39	1.0	Setya	Approval <input checked="" type="checkbox"/>	<input type="radio"/>
4	Testing	03/15/2002 23:40	2.1	HKS	Default <input checked="" type="checkbox"/>	<input type="radio"/>
5	Training	03/15/2002 23:41	9.1	John	Approval <input checked="" type="checkbox"/>	<input type="radio"/>
6	Change Control	04/18/2002 18:39	1.0	Tanaka	Approval <input checked="" type="checkbox"/>	<input type="radio"/>

No. of Processes 6 GO

Select no of Process 6

Administrator (AT)

FIG. 12

Object(OM) Review(RM) Workflow(WM) Project(PM) Logout

Workflow Structure Section Shift

Registration Choose Workflow Builder (Section wise) Search Choose V

1 of 1Page 507 No. of Processes 4 501 Select no of Process 4 GO

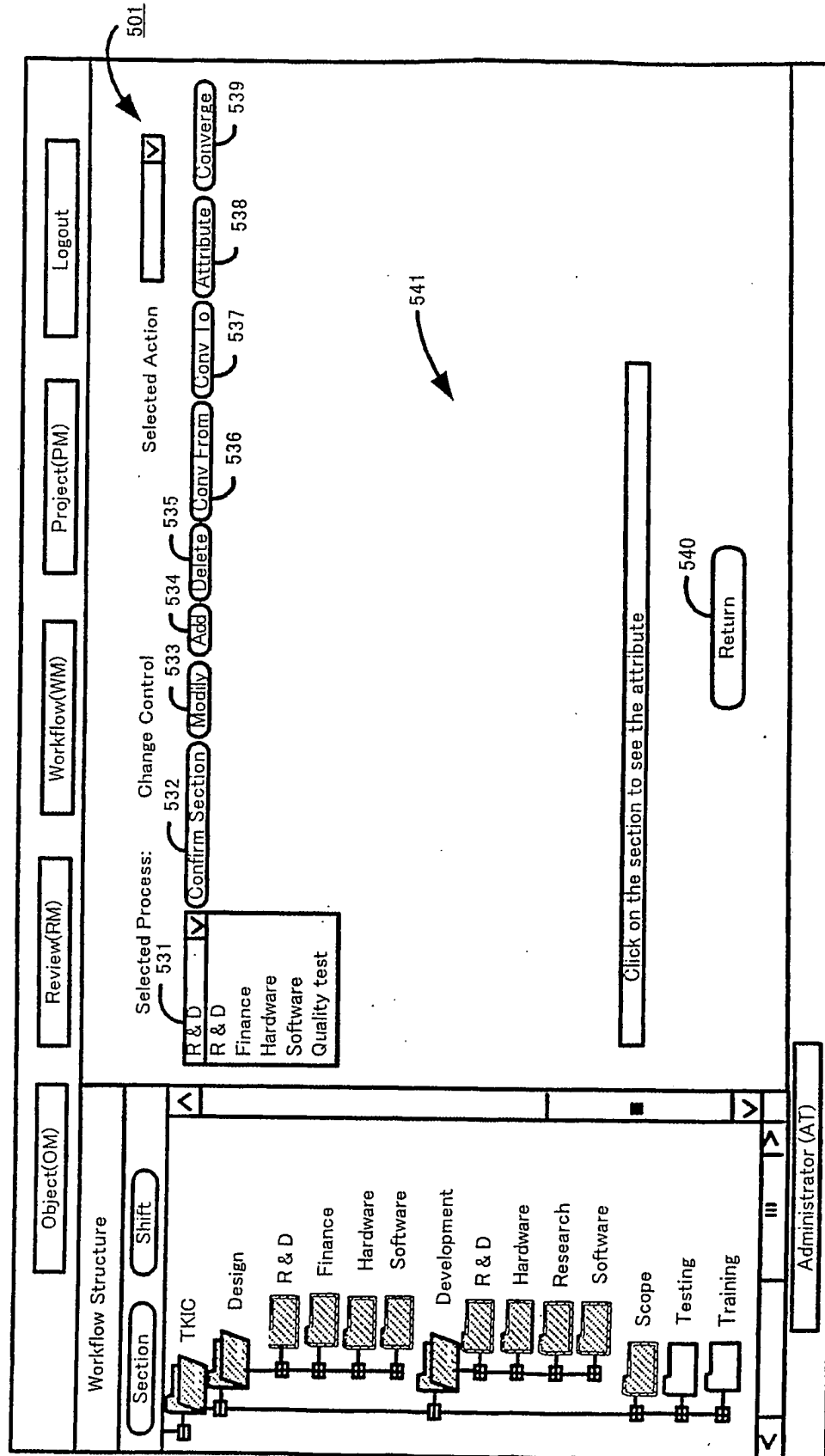
No.	Process Name	Creation Date	Rev No	Author	Form	Select
1	Scope	03/15/2002 23:38	1.0	Jack	Approval <input checked="" type="checkbox"/>	<input type="radio"/>
2	Design	03/15/2002 23:38	1.0	Jack	Default <input checked="" type="checkbox"/>	<input type="radio"/>
3	Development	03/15/2002 23:39	1.0	Setya	Approval <input checked="" type="checkbox"/>	<input type="radio"/>
4	Change Control	04/18/2002 18:39	1.0	Tanaka	Approval <input checked="" type="checkbox"/>	<input checked="" type="radio"/>

524 OK 525 View 526 Modify 527 Delete 528 Cancel

TKC Design R & D Finance Hardware Software Development R & D Hardware Research Software Scope Testing Training

Administrator (AT)

FIG. 13



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FIG. 15

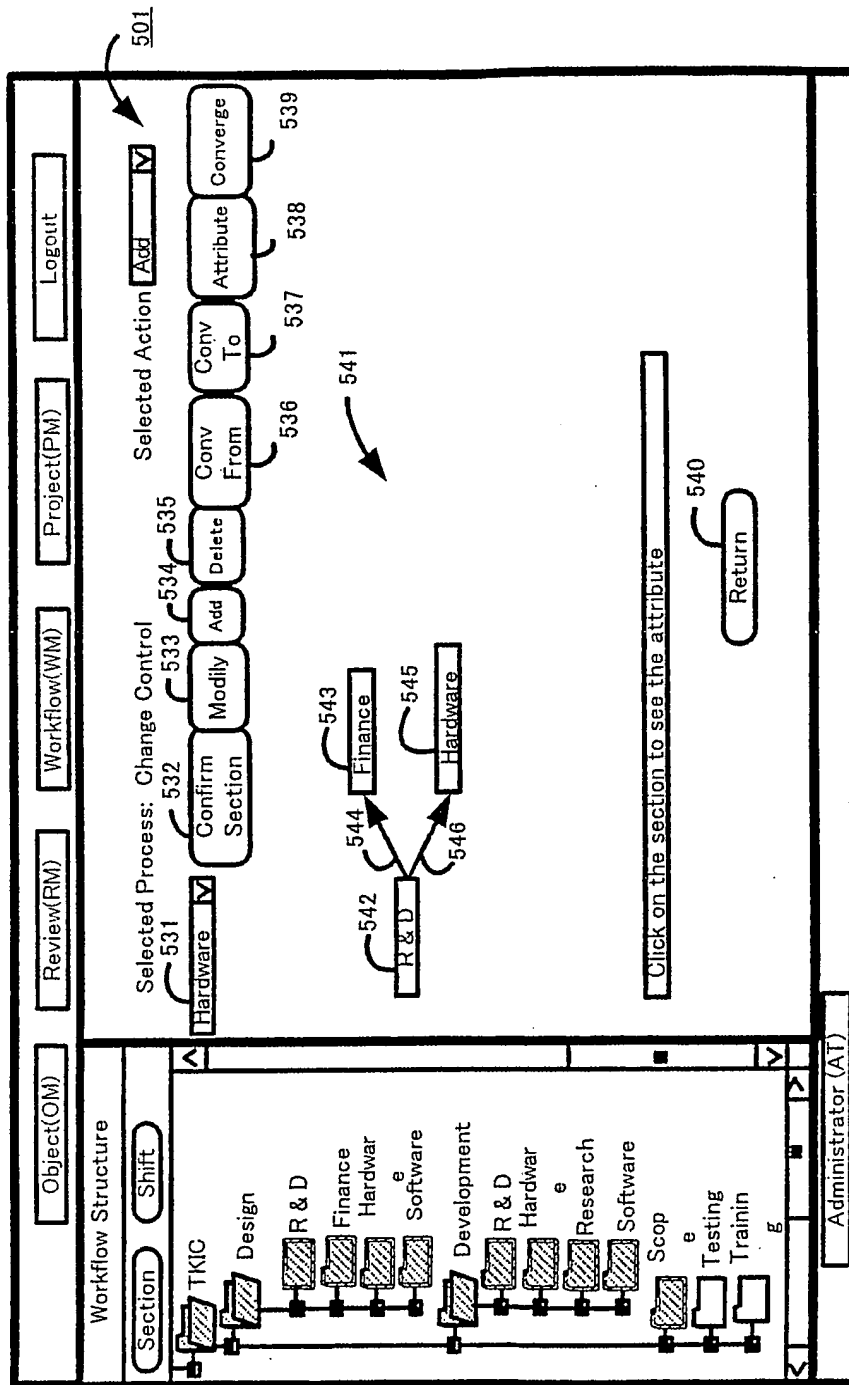


FIG. 16

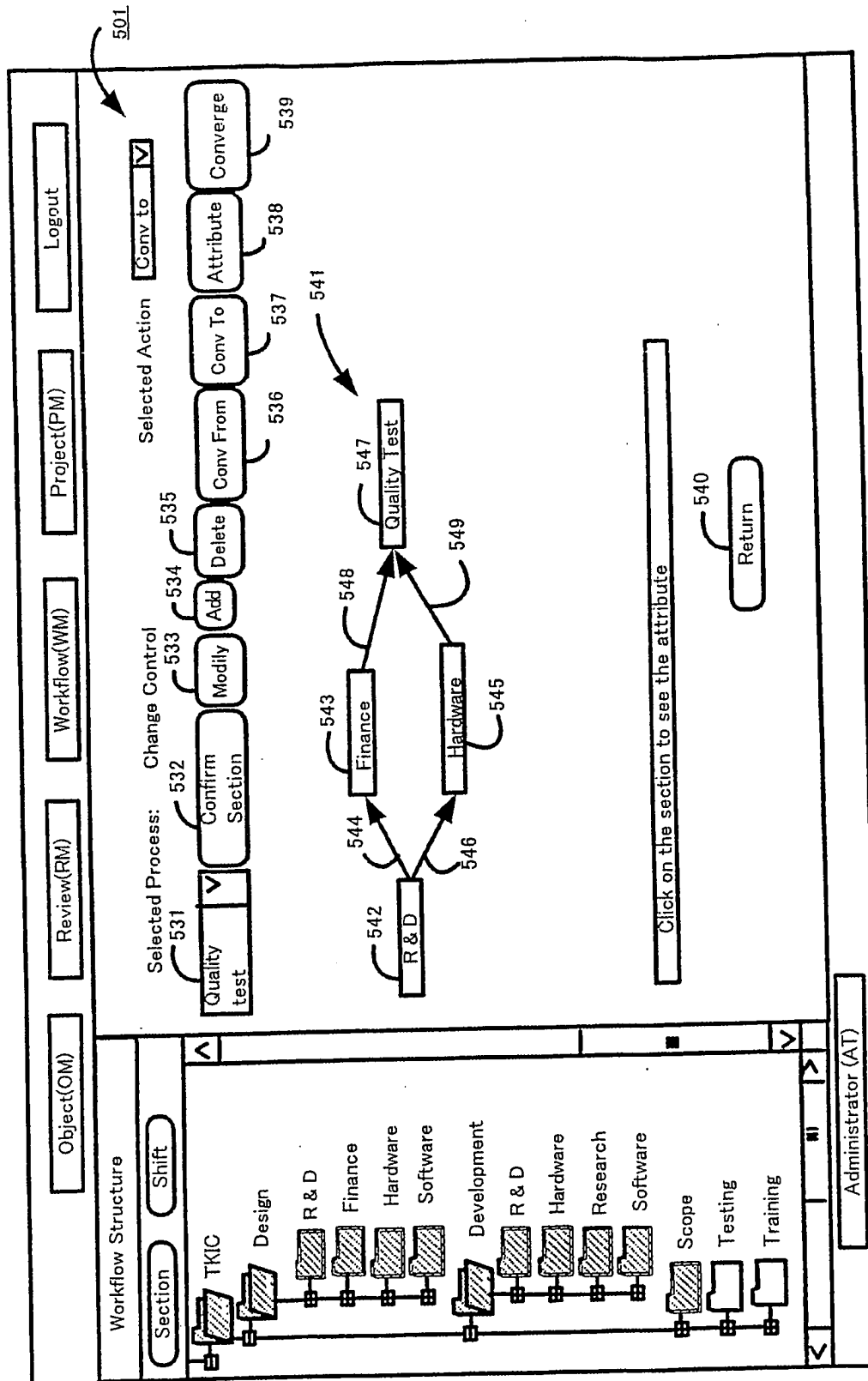


FIG. 17

501

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

Workflow Structure

Section

Shift

TKIC

Design

R & D

Finance

Hardware

Software

Development

R & D

Hardware

Research

Software

Scope

Testing

Training

Registration

Choose

Workflow

Builder (Shift wise)

Search

Choose

Choose

Workflow Manager

Select the process for Workflow Manager (Shift)

507

No. of Processes

2

Select no of Process

2

GO

3 of 1Page

No.	Process Name	Creation Date	Rev No	Author	Select
1	Testing	03/15/2002 23:40	2.1	HKS	<input type="radio"/>
2	Training	03/15/2002 23:41	9.1	John	<input checked="" type="radio"/>

524

OK

525

View

526

Modify

527

Delete

528

Cancel

Administrator (AT)

FIG. 18

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

Registration

Choose

Workflow

Builder (Shift wise)

Search

Choose

Workflow Structure

Section

Shift

TKIC

Design

R & D

Finance

Hardware

Software

Development

R & D

Hardware

Research

Software

Scope

Testing

Training

Select Process : Training

Shift Name:	Afternoon	Morning	Night
Sequence	2	1	3

Make Flow

Clear

Cancel

Administrator (AT)

10/529077

FIG. 19

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

Registration

Choose

Workflow Builder (Shift wise)

Choose

Search

Choose

Workflow Structure

Section

Shift

TKC

Design

R & D

Finance

Hardware

Software

Development

R & D

Hardware

Research

Software

Scope

Testing

Training

Select Process : Training

Shift Flow :

Shift	Sequence
Afternoon	2
Morning	1
Night	3

Afternoon

Morning

Night

Submit

Cancel

Administrator (AT)

FIG. 20

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

Registration

Task

Workflow

Search

Choose

Choose

Choose

1 of 1 Page

554

Task

No. of Tasks

Select no of Task

4

4

GO

TKIC

Design

R & D

Finance

Hardware

Software

Development

R & D

Hardware

Research

Software

Scope

Testing

Training

501

No.	Task Name	Creation Date	Rev No	Author	Select
1	Develop <u>Delivery Timeline</u>	03/15/2002 23:38	1.0	Jack	<input type="radio"/>
2	<u>Need Analysis</u>	03/15/2002 23:38	1.0	Jack	<input type="radio"/>
3	Develop Preliminary Budget	03/15/2002 23:39	1.0	Setya	<input type="radio"/>
4	Identify Modular Design	04/18/2002 18:39	1.0	Tanaka	<input checked="" type="radio"/>

555 New

556 Modify

557 Delete

558 OK

Workflow Structure

Section

Shift

Administrator (AT)

FIG. 21

Object(OM) Review(RM) Workflow(WM) Project(PM) Logout

Workflow Structure Section Shift

TKIC Design R & D Finance Hardware Software Development R & D Hardware Research Software Scope Testing Training

Registration Task Workflow Choose Search Choose

Register New Task Develop Specification

Revision No. 1.0

Author Name Tanaka

Deliverable Time M 9 D 21 Y 2002 hr 14 mn 48

Duration 1 days

Unit 1

564 OK Clear Cancel

Administrator (AT)

FIG. 22

Object(OM) Review(RM) Workflow(WM) Project(PM) Logout

Registration Sub Task Workflow Choose Search Choose ☒

500 570 571

Workflow Structure

Section Shift

- TKIC
- Design
- R & D
- Finance
- Hardware
- Software
- Development
- R & D
- Hardware
- Research
- Software
- Scope
- Testing
- Training

Task Structure

570

- Task #1
- Sub Task #1
- Sub Task #2
- Sub Task #2.1
- Sub Task #2.2
- Task #2
- Sub Task #3
- Sub Task #4
- Task #3

Register Sub Task for Selected Task

572

Selected Task Sub Task #4

Sub Task Name	Sub Task #4.1
Rev No.	1.0
Author Name	Fred Tanaka
Expected Start Time	M 10 10 Y 2002 D 10 m 00 Calendar
Duration	2 days

574

Search Template

No.	Template Name	View
1	Description	W
2	Spread Sheet	E

575

OK Clear Cancel

Administrator (AI)

FIG. 23

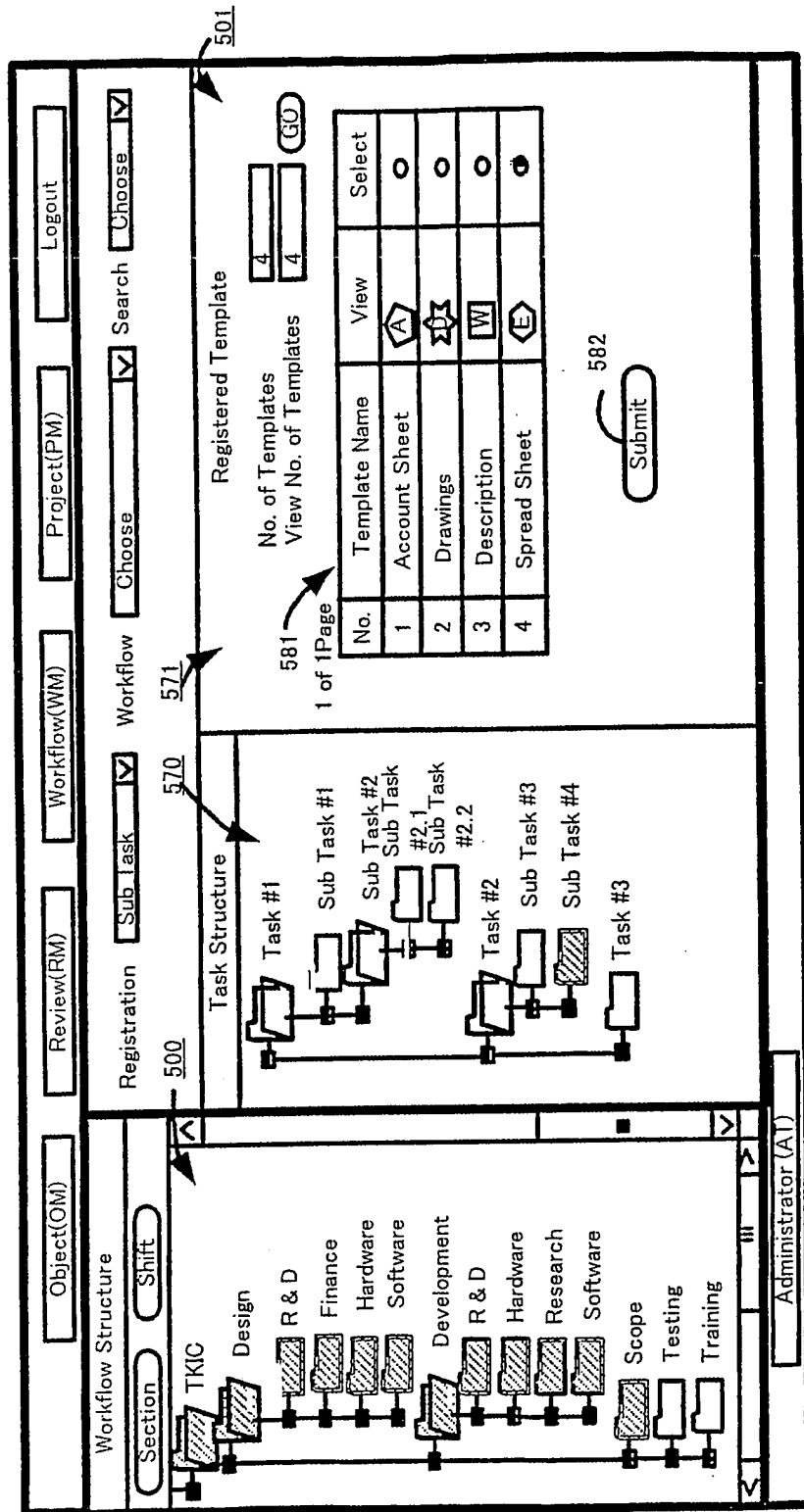


FIG. 24

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout

301

302

Project Structure

- TKIC
- EDMS
- Development
- R & D
- Finance
- Hardware
- Software
- Design
- R & D
- Hardware
- Research
- Software
- Modular Design
- ABMS

Registration

602

Choose Project Task Sub Task Phase Role

600

No.	Project Name	Creation Date	Rev No	Manager	Select
1	EDMS	04/15/2002 23:38	1.0	Fred Tanaka	<input checked="" type="radio"/>
2	ABMS	04/15/2002 23:38	2.0	Hemant Setya	<input type="radio"/>

1 of 1 Page

607

No. of Projects

Select no of Project

2

1

GO

603

Choose Project Task Sub Task Phase Role

604

Choose Project Task Sub Task Phase Role

605

Status

Choose

307 Administrator (AT)

FIG. 25

302 Object(OM)

303 Review(RM)

304 Workflow(WM)

305 Project(PM)

306 Logout

600

Registration

Project Assign ☒ Status Choose ☒ 604

Search Choose ☒ 605

Project

No. of Project 2

Select no of Process 1

No.	Project Name	Creation Date	Rev No	Manager	Select
1	EDMS	03/15/2002 23:38	1.0	Fred Tanaka	<input checked="" type="radio"/>
2	ABMS	04/10/2002 23:38	2.0	Hemant Setya	<input type="radio"/>

608
 609
 610
 611

1 of 1 Page

Project Structure

- TKIC
 - EDMS
 - Development
 - R & D
 - Finance
 - Hardware
 - Software
 - Design
 - R & D
 - Hardware
 - Research
 - Software
 - ABMS

Administrator (AT)

FIG. 26

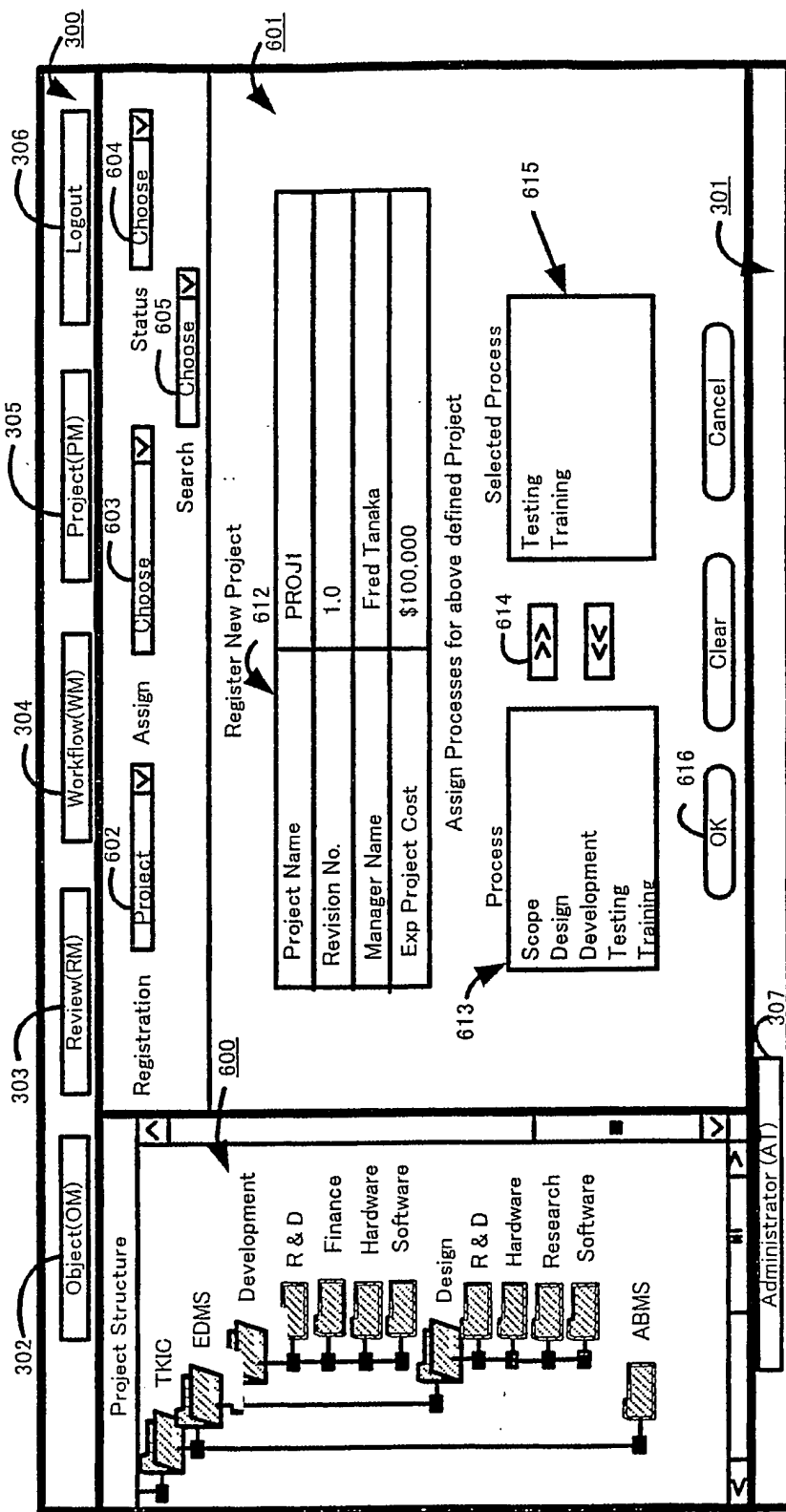


FIG. 27

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout

Registration Phase 602 Assign 603 Search 604 Status 605 Choose

Phase

No. of Phases 3 Select no of Phase 1 GO

1 of 1 Page

No.	Phase Name	Creation Date	Rev No	Author	Select
1	Intrim	04/15/2001 23:40	1.0	Jack	<input checked="" type="radio"/>
2	Midstream	04/15/2001 23:50	2.0	Jack	<input type="radio"/>
3	Final	04/15/2001 23:55	2.0	Jack	<input type="radio"/>

618 New 619 Modify 620 Delete 621 OK

Project Structure

TKIC

EDMS

Development

R & D

Finance

Hardware

Software

Design

R & D

Hardware

Research

Software

ABMS

Administrator (A1) 307

FIG. 28

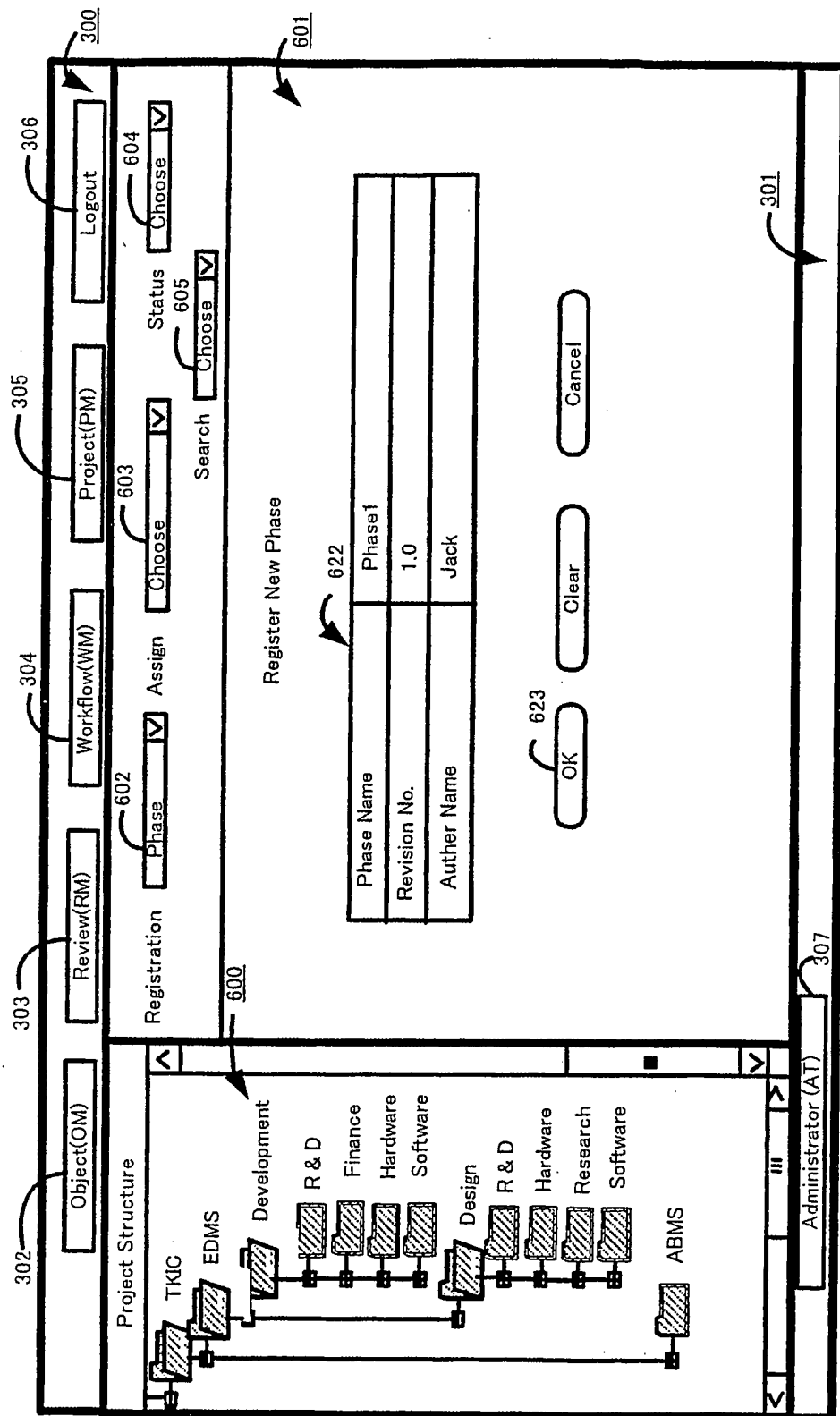


FIG. 29

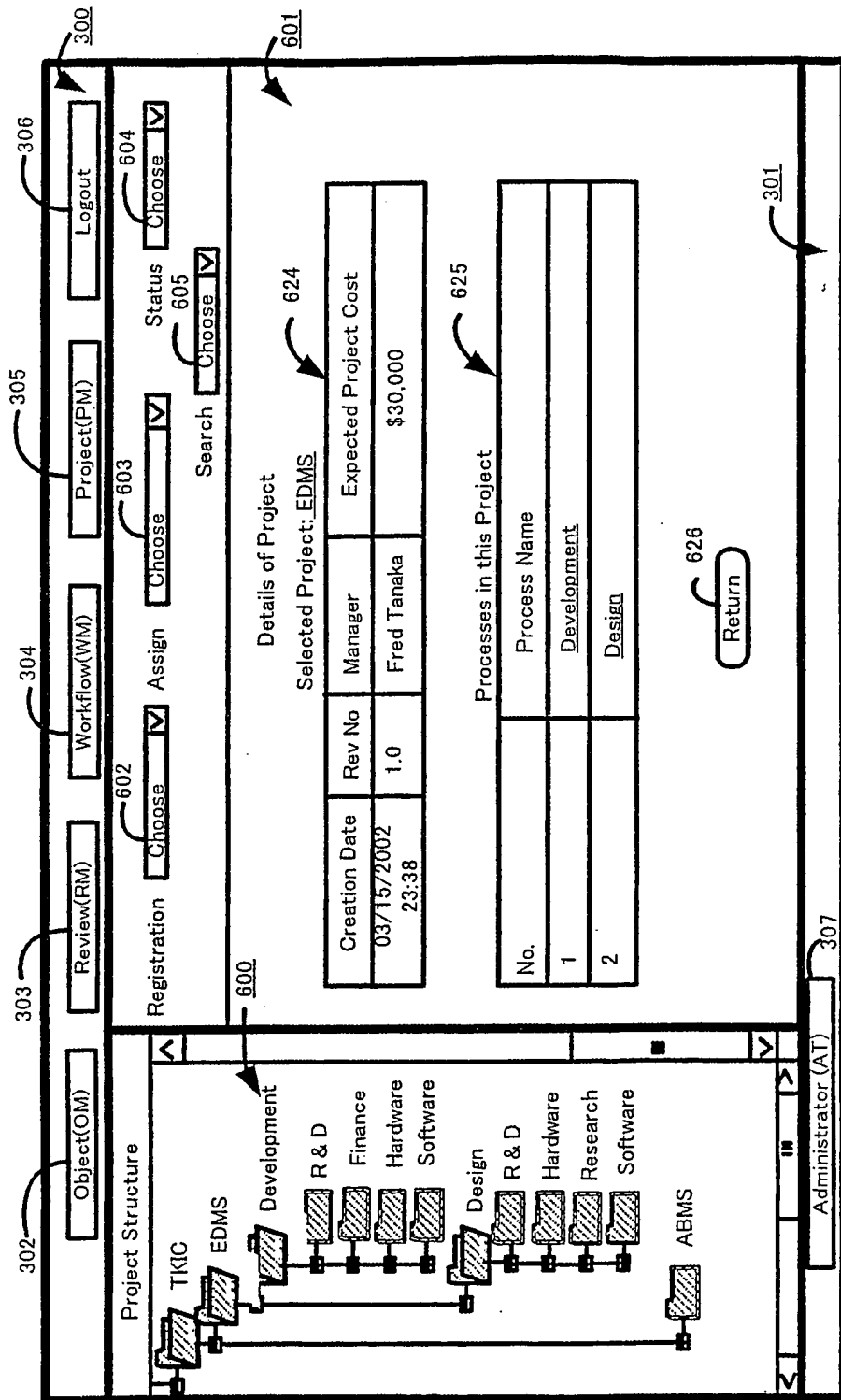


FIG. 30

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout

307 Administrator (AT)

Project Structure

- TKIC
- EDMS
- Development
- R & D
- Finance
- Hardware
- Software
- Design
- R & D
- Hardware
- Research
- Software
- ABMS

Registration

Choose 602 Assign 603M

Choose 604 Status 605

Task (Section Phase)
Employee (Section Role)
Employee (Section Task)
Employee (Shift)
Task Assign

Select no of Project 1 2 3 4 5 6 7 8 9 10 GO

1 of 1Page

No.	Project Name	Creation Date	Rev No	Manager	Select
1	EDMS	03/15/2002 23:38	1.0	Fred Tanaka	<input checked="" type="radio"/>
2	ABMS	04/10/2002 23:38	2.0	Hemant Setya	<input type="radio"/>

FIG. 31

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout

300

602 Choose 603 Assign 604 Task (Section Phase) 605 Status Choose 606

Search Choose 607

Section Phase Manager

1 of 1 Page

Select Project for Section Phase Manager

No.	Project Name	Creation Date	Rev No	Manager	Select
1	EDMS	03/15/2002 23:38	1.0	Fred Tanaka	<input checked="" type="radio"/>
2	ABMS	04/10/2002 23:38	2.0	Hemant Setya	<input type="radio"/>

630 OK 631 View 632 Modify 633 Delete 634 Cancel

301

Project Structure

TKIC

EDMS

Development

R & D

Finance

Hardware

Software

Design

R & D

Hardware

Research

Software

ABMS

Administrator (AT) 307

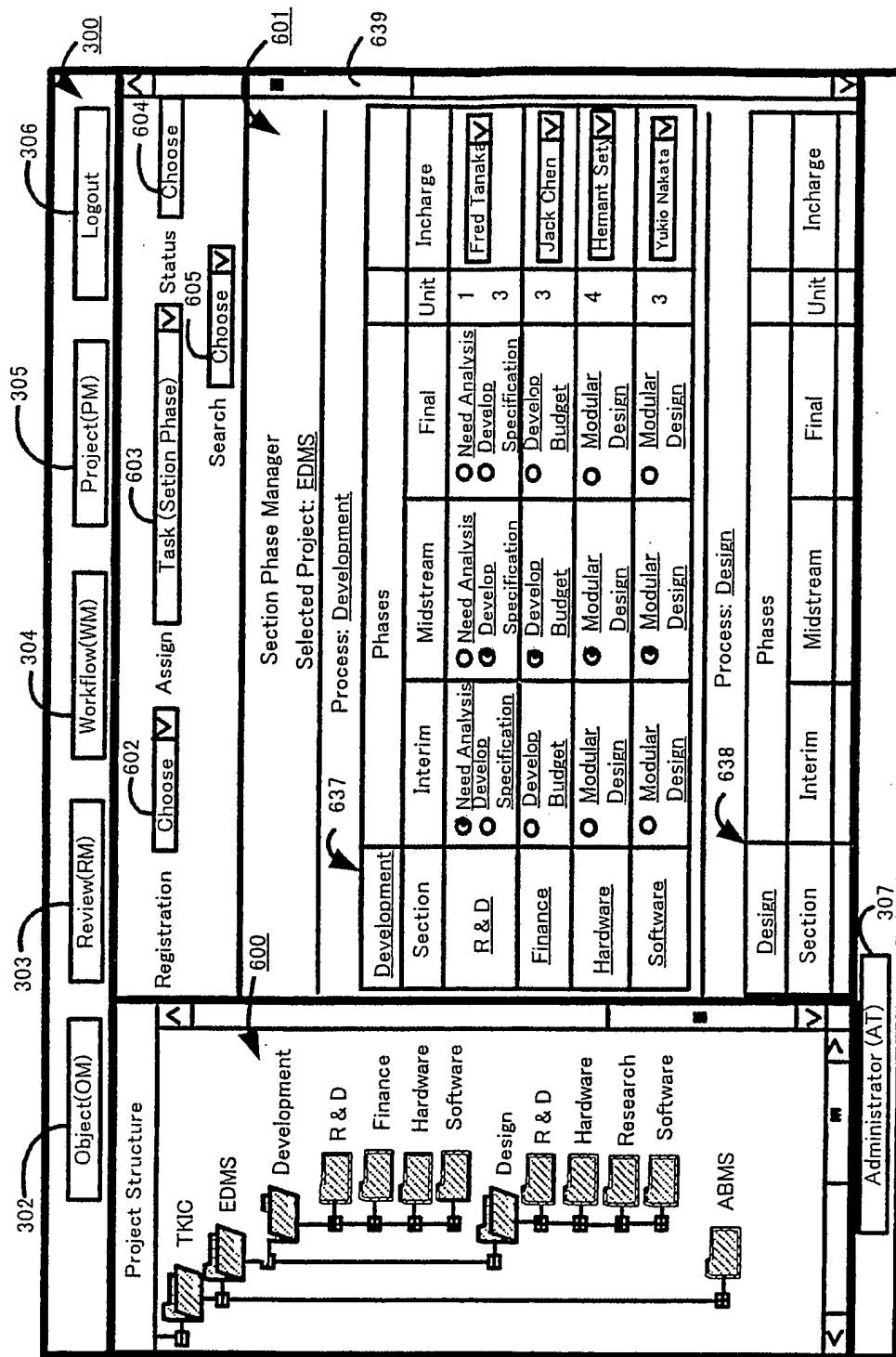


FIG. 33

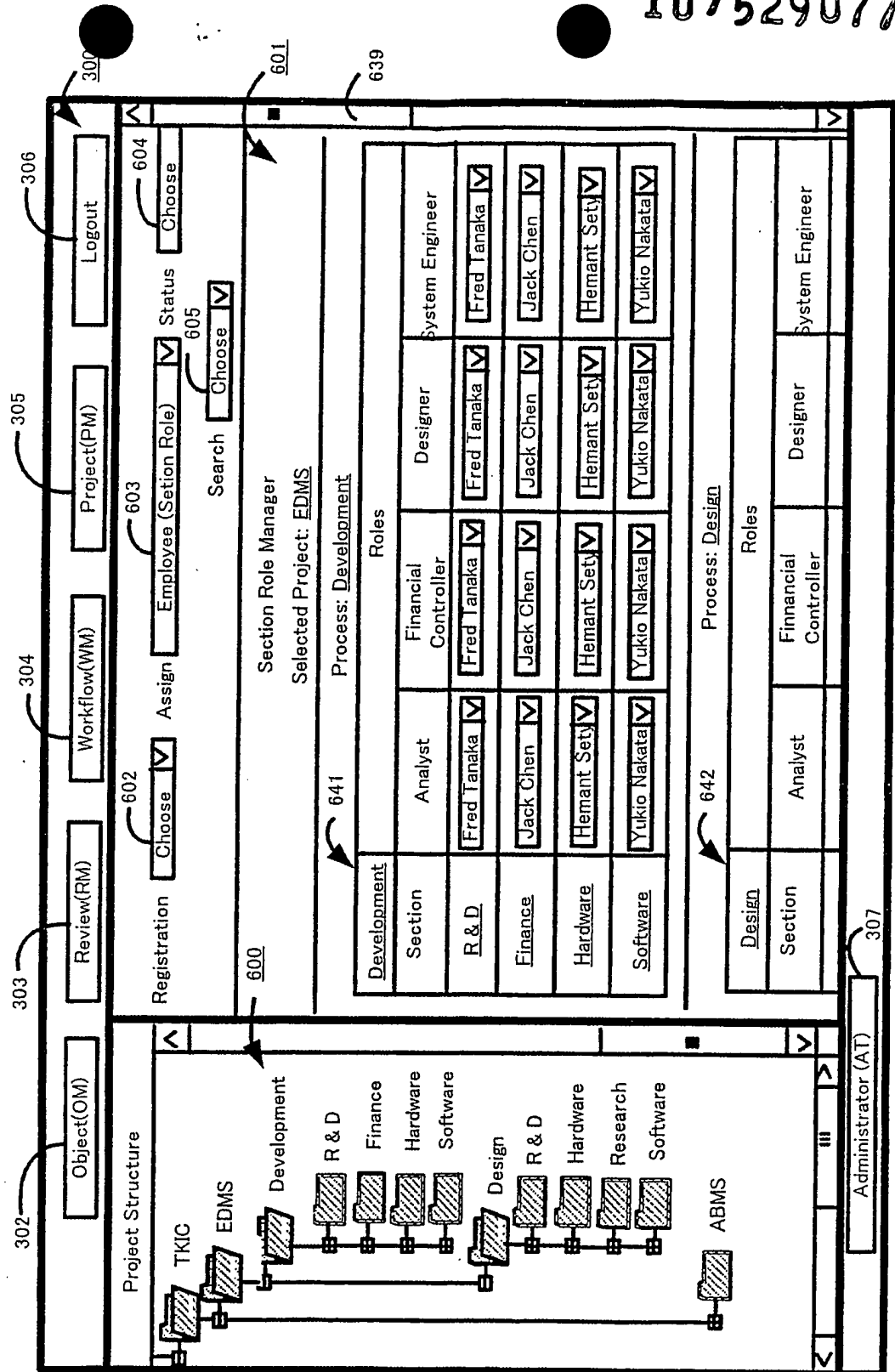


FIG. 34

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout

602 Registration Choose Assign Employee (Section Task) Status Choose 605 Search Choose

600 Section Task Manager
Selected Project: EDMS

601 Process: Development

Section	Task	Employee	Reviewer	Expected Start Time	Expected End Time
R & D	Need Analysis	Open	Fred Tanaka	Open	Open
	Develop Specification	Open	Fred Tanaka	Open	Open
Finance	Develop Budget	Open	Jack Chen	Open	Open
Hardware	Modular Design	Open	Hemant Seti	Open	Open
Software	Modular Design	Open	Yukio Nakata	Open	Open

643

644 Process: Design

Section	Task	Employee	Reviewer	Expected Start Time	Expected End Time

604 Choose

Project Structure

TKIC

EDMS

Development

R & D

Finance

Hardware

Software

Design

R & D

Hardware

Research

Software

ABMS

Administrator (AT) 307

FIG. 35

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout

307 Administrator (AT)

Project Structure

- TKIC
- EDMS
- Development
 - R & D
 - Finance
 - Hardware
 - Software
- Design
 - R & D
 - Hardware
 - Research
 - Software
- ABMS

Task Assign Manager

Registration

Assign Choose 602 Task Assign Choose 603 Status Choose 604 Search Choose 605

Select Section for Task Assign Manager

1 of 1 Page

No.	Section Name	Creation Date	Rev No.	Author	Select
1	R & D	04/15/2001 23:38	1.0	Jack	<input checked="" type="radio"/>
2	Finance	04/15/2001 23:38	2.0	Tanaka	<input type="radio"/>
3	Hardware	04/15/2001 23:38	1.0	Tanaka	<input type="radio"/>
4	Software	04/15/2001 23:38	1.0	Tanaka	<input type="radio"/>

645 No. of Sections 4 Select no of Project 1 GO

646 OK 647 View 648 Modify 649 Delete 650 Cancel

FIG. 36

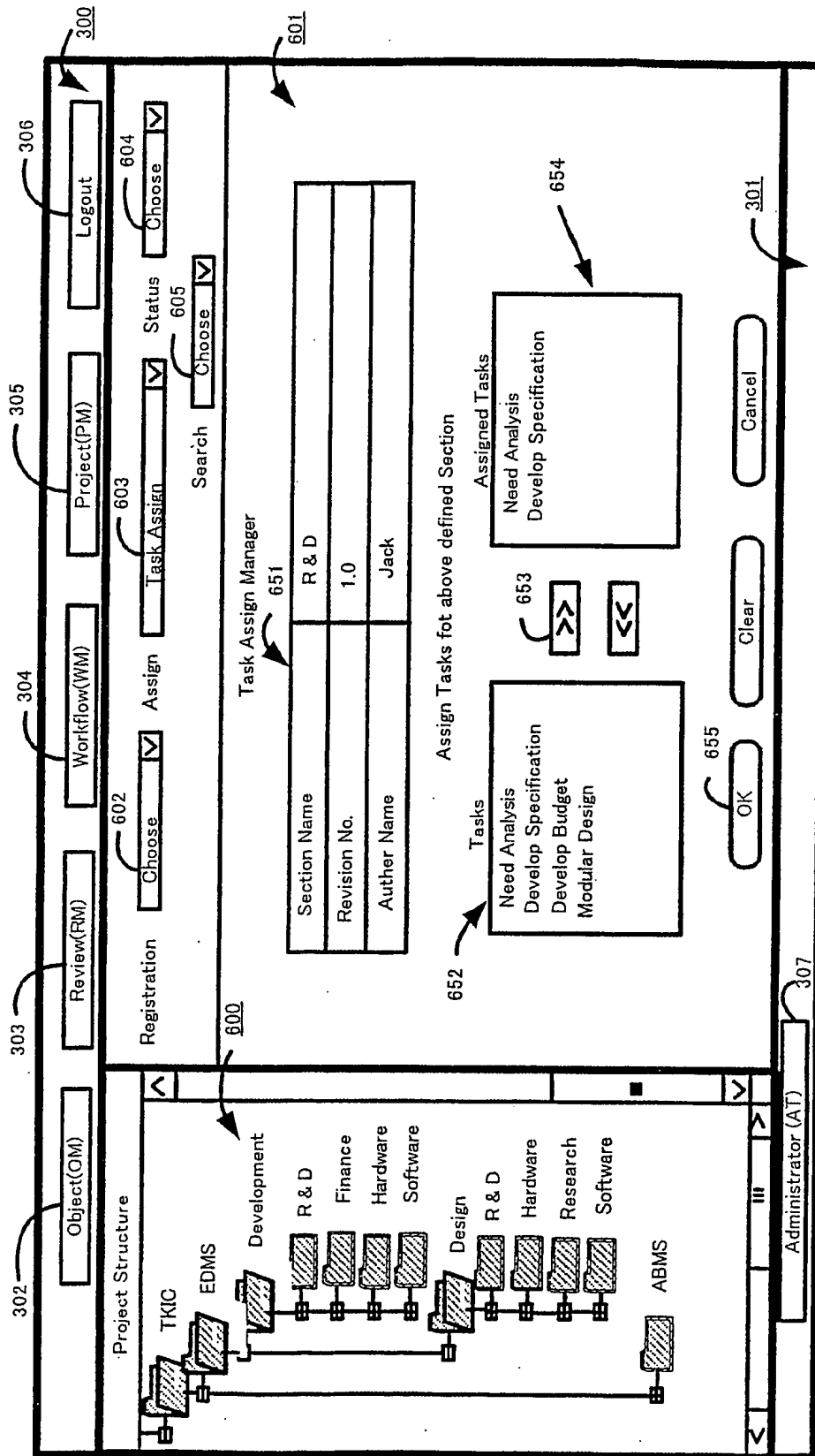


FIG. 37

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

Registration

Assign

Employee(Shift)

Status

Search

Choose

Choose

Choose

Choose

Choose

TKIC

EDMS

Development

R & D

Finance

Hardware

Software

Design

R & D

Hardware

Research

Software

ABMS

Shift Manager

Select date for Shift Manager

April 2002

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Previous Month

OK

Next Month

Administrator(AT)

FIG. 38

302 Object(OM)

303 Review(RM)

304 Workflow(WM)

305 Project(PM)

306 Logout

600

Month: April Date: 18 Year: 2002

Shift Employee Record

No.	Employee	Shift
1	Fred Tanaka	Afternoon
2	Hemant Setya	Afternoon
3	Jack Frankfult	Morning
4	John Jones	Night
5	Masatoshi Masuda	Morning
6	Nafis Alam	Select
7	Rob Kolokousis	Select
8	San Ramon	Select
9	Yukio Nakata	Select

660

661 Submit

662 Cancel

601

Registration

602 Choose

Assign

603 Employee(Shift)

604 Choose

605 Status

Choose

Search

Choose

Project Structure

TKIC

EDMS

Development

R & D

Finance

Hardware

Software

Design

R & D

Hardware

Research

Software

ABMS

307 Administrator(AT)

600

10/529077

FIG. 39

302

Object(OM)

303

Review(RM)

304

Workflow(WM)

305

Project(PM)

306

Logout

Registration

Choose ☒ Assign ☒ Employee (Shift) ☒ Status ☒ Choose ☒

Search

Month: April Date: 18 Year: 2002

Shift Employee Record

No.	Employee	Shift	Date
1	Fred Tanaka	Afternoon	18/4/2002
2	Hemant Setya	Afternoon	18/4/2002
3	Jack Frankfult	Morning	18/4/2002
4	John Jones	Night	18/4/2002
5	Masatoshi Masuda	Morning	18/4/2002

664 Submit

665 Cancel

Project Structure

- TKIC
 - EDMS
 - Development
 - R & D
 - Finance
 - Hardware
 - Software
 - Design
 - R & D
 - Hardware
 - Research
 - Software
 - ABMS

Administrator (AT)

307

10/529077

FIG. 40

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

Rev. Choose

Folder Choose

Document Choose

Search Choose

Folder Browser - OM

TKIC

Analysis

Needs

Design

Development

Functional

Modular

Color Kit

1 of 2 Page

Type

No.

Document Name

Rev. No

View

Select

SS	1	Market Strategy	1.5	S	
MR	2	Resources	2.0	M	
MS	3	Prototype	2.0	P	
SS	4	Help System	7.8	W	

Previous

Next

Folder Name: TKIC

No. of Documents

View No. of Documents

Sort by

8

4

No.

GO

Task List

Archive Room

Print Room

Trunk Room

Work List

Administrator (AT)

FIG. 41

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout

Rev. Choose 102 Folder Choose 103 Document Choose 104 Search Choose 105

1 of 2 Page

Task List

No. of Tasks 7 View No. of Tasks 4 Task Name Choose 105 GO

No	Task Name	Expected Start Time	Expected End Time	Status	Project	Process	Section	Phase	Role	Inchage	Employee
1	Develop Specification	04/12/2002 09:00	05/11/2002 17:00	Done	EDMS	Development	R & D	Mid-stream	System Engineer	Fred Tanaka	John Jones
2	Develop Specification	04/20/2002 09:00	05/19/2002 17:00	-	EDMS	Design	R & D	Mid-stream	-	Fred Tanaka	-
3	Need Analysis	04/12/2002 09:00	05/11/2002 17:00	Doing	EDMS	Development	R & D	Interim	Analyst	Fred Tanaka	San Ramon
4	Need Analysis	open	open	-	ABMS	Development	R & D	Interim	-	Fred Tanaka	-

112

113 Update to Done List 114 Done List OK

Previous Next

307 Administrator (AT)

Folder Browser--OM

TKIC

Analysis Needs Design Development Functional Modular Color Kit

FIG. 42

300

306 Logout

305 Project(PM)

304 Workflow(WM)

303 Review(RM)

302 Object(OM)

100

Folder Browser—OM

TKIC

Analysis

Needs

Design

Development

Functional

Modular

Color Kit

101

Task Details

Task	Develop Specification
Sub Task	Sub Task #1 / Sub Task #2
Project	EDMS
Process	Design
Section	R & D
Phase	Midstream
Exp. Start Time	04/20/2002 09:00
Exp. End Time	05/19/2002 17:00
Done Time	-
Incharge	Fred Tanaka
Employee	-
Class 1	2
Class 2	Setya
Class 3	2.3

102 Choose

103 Choose

104 Choose

105 Choose

Search

639

115

116

117

307

Administrator (AT)

Task Status

Template

Deliverable

Attach

Status

Choose

0%

Task Structure

Develop Specification

FIG. 43

FIG. 43 is a screenshot of a software interface for project management. The interface is divided into several sections.

Top Navigation Bar: Contains buttons for **Object(OM)**, **Review(RM)**, **Workflow(WM)**, **Project(PM)**, and **Logout**.

Search Bar: Includes a **Search** button and a **Choose** dropdown menu.

Main Content Area: Divided into two columns.

Left Column (Task Structure): Displays a hierarchical tree of tasks:

- Develop
- Specification
- Sub Task #1
- Sub Task #2
- Sub Task #2.1
- Sub Task #2.2

Right Column (Task Status): Displays a table with columns for Template, Deliverable, Attach, Spec List, Status, and a percentage column.

Template	Deliverable	Attach	Spec List	Status	
W				Choose	0%
E				Start	20%

Attachment Process Form: A table for tracking process forms.

No.	Process Form	Rev. No.
1	Approval	2.1
2	Specification	3.0

Bottom Status Bar: Includes the text **Administrator (AT)** and a **Return** button.

FIG. 44

302

Object(OM)

303

Review(RM)

304

Workflow(WM)

305

Project(PM)

306

Logout

Rev.

102

Choose

Folder

103

Choose

Document

104

Choose

Search

105

Choose

121

Process Work Sheet Input Form

Name

John Jones

Role

System Engineer

Section

R & D

Subject

Start Time

05/10/2002 13:00

End Time

05/15/2002 13:00

Details

Request

Form

122

Choose

Attachment

Document Name	Rev. No.	Type of Attachment
Specification	3.0	Process Form
Spec List	1.0	Deliverable

123

124

Submit

Cancel

Administrator (AT)

307

10

301

Folder Browser—OM

TKIC

Analysis

Needs

Design

Development

Functional

Modular

Color Kit

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FIG. 45

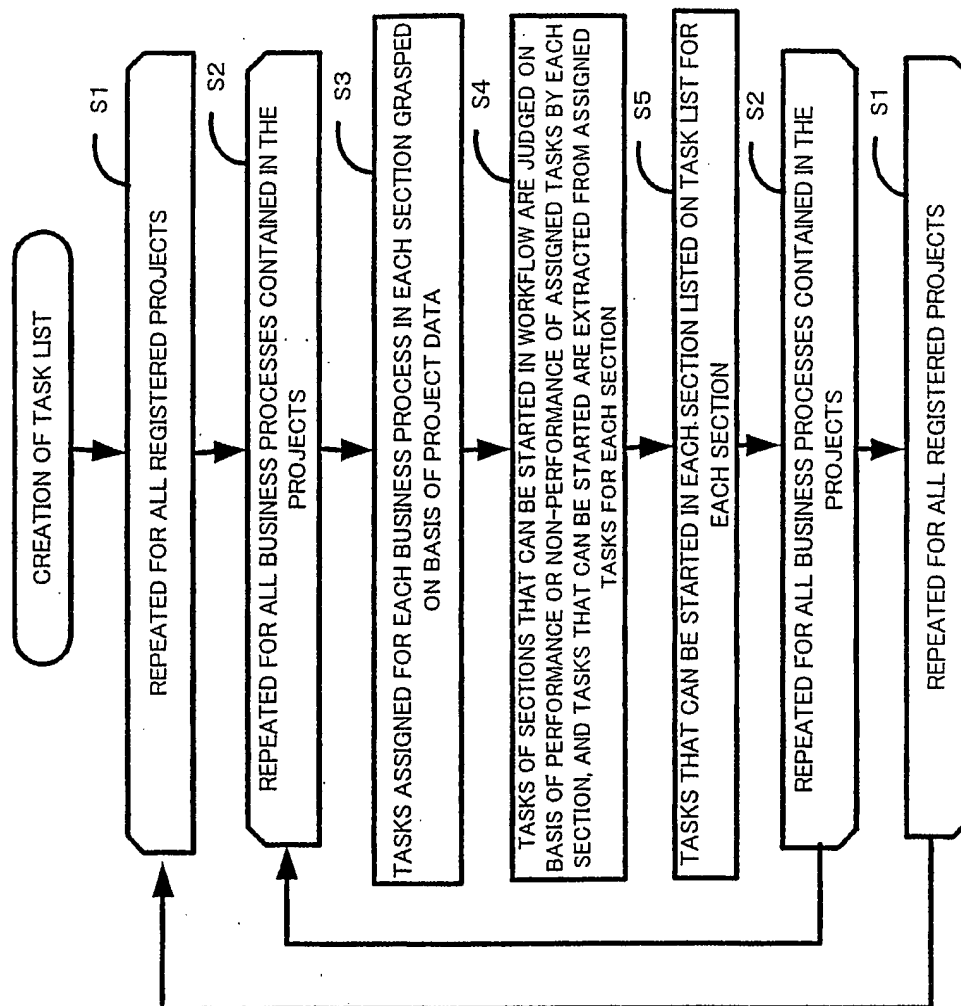


FIG. 46

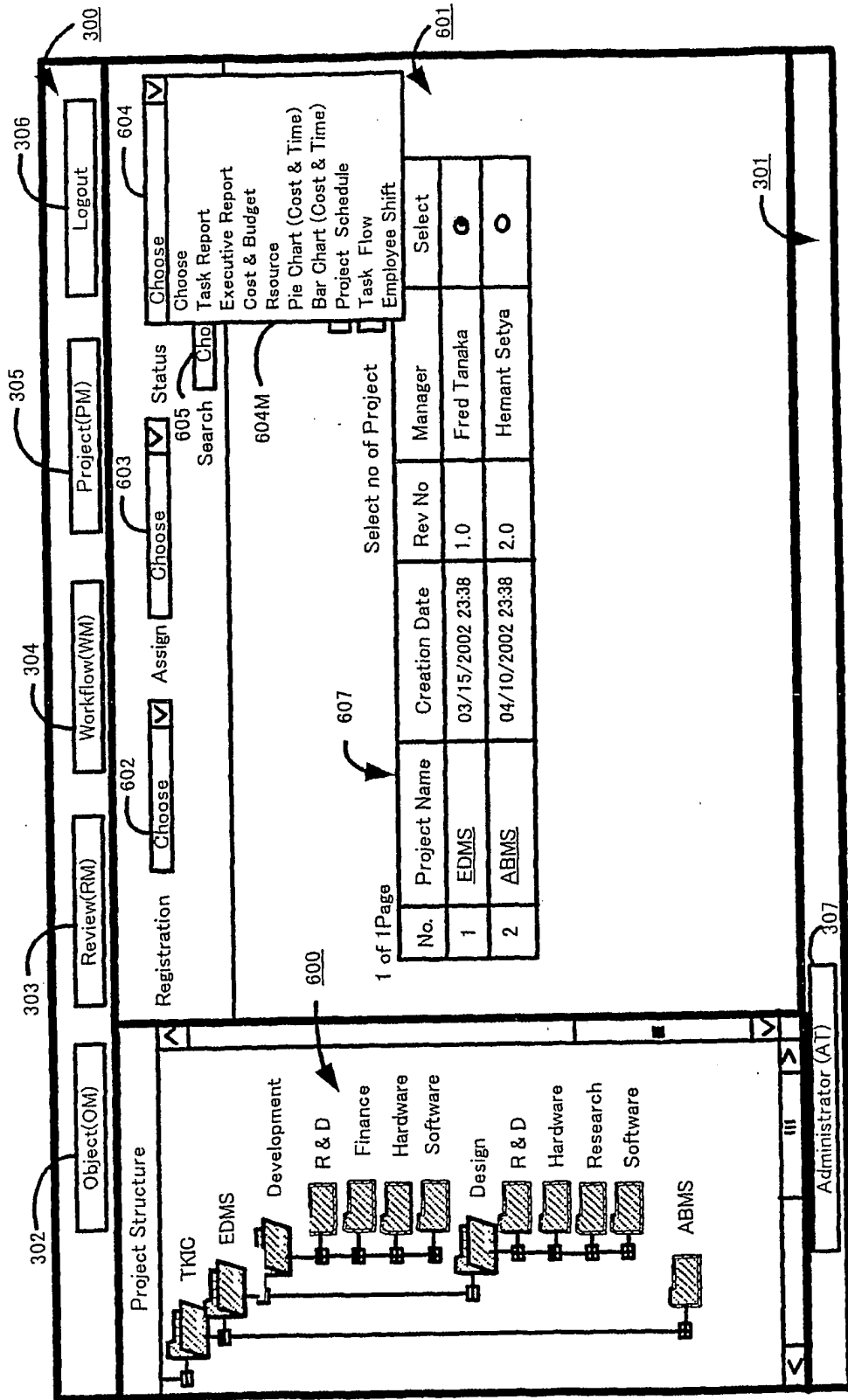


FIG.47

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout 300 Task Report 604

602 Choose 603 Assign Choose 605 Status Search Choose 601

Project Structure

TKIC

Project

1 of 5Page

No. of Projects 19 607

Select No. of Project 1 601

No.	Project Name	Creation Date	Rev No	Manager	Select
1	PROJ#1	03/15/2002 23:38	1.0	Fred Tanaka	<input checked="" type="radio"/>
2	PROJ#2	04/10/2002 23:38	2.0	Hemant Setya	<input type="radio"/>
3	PROJ#3	04/10/2002 23:38	1.0	Hemant Setya	<input type="radio"/>
4	PROJ#4	04/10/2002 23:38	1.0	Fred Tanaka	<input type="radio"/>

<Previous Page 665 Next Page>

OK for Reporting

Administrator (AT) 307

FIG. 48

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

Registration

Assign

Status

Task Report

Choose

Choose

Choose

Choose

Project Structure

TKIC

Release Name: Hemant Setya

Project Name: PROJ#1

Date of Printout: 5/11/2002

Release Incharge: Hemant Setya

Project Incharge: Fred Tanaka

Task Reporting

Task	SubTask	SubTask	Deliverable	Status	Task Incharge	Reviewer
T#1	-	-	TaskDoc1	50%	Fred Tanaka	Hemant Setya
-	ST #1	ST #1.1	TaskDoc2	100%	Fred Tanaka	Hemant Setya
-	-	ST #1.2	TaskDoc3	60%	Fred Tanaka	Hemant Setya
-	-	ST #1.2.1	TaskDoc4	20%	Fred Tanaka	Hemant Setya
-	ST #2	-	TaskDoc5	40%	Fred Tanaka	Hemant Setya
T#2	-	-	TaskDoc6	100%	Mel Yoshida	Hemant Setya

Administrator (AT)

FIG. 49

302

Object(OM)

303

Review(RM)

304

Workflow(WM)

305

Project(PM)

306

Logout

602

Registration

Choose

603

Assign

Choose

604

Status

Task Report

605

Search

Choose

TKC

Expected Start Time	Duration Days	Expected End Time	Actual Start Time	Actual End Time	Cost	Template
11/07/2002	3	11/10/2002	11/07/2002 10:32	-	2,200	Temp#1
-	-	-	-	-	-	Temp#2
-	-	-	-	-	-	Temp#2
-	-	-	-	-	-	Temp#3
-	-	-	-	-	-	Temp#4
11/07/2002	2	11/09/2002	11/08/2002 9:00	11/10/2002 20:00	1,800	Temp#3

Administrator (AT)

307

FIG. 50

300

302 Object(OM)

303 Review(RM)

304 Workflow(WM)

305 Project(PM)

306 Logout

602 Choose

603 Assign

604 Status

605 Search

606 Choose

607 Task Report

Project Structure

TKIC

Deliverable for Sub Task - ST#1.1

667

No.	Document Name	View
1	Proto-Specification	W
2	Parts List	E

301

Administrator (AT)

307

FIG. 51

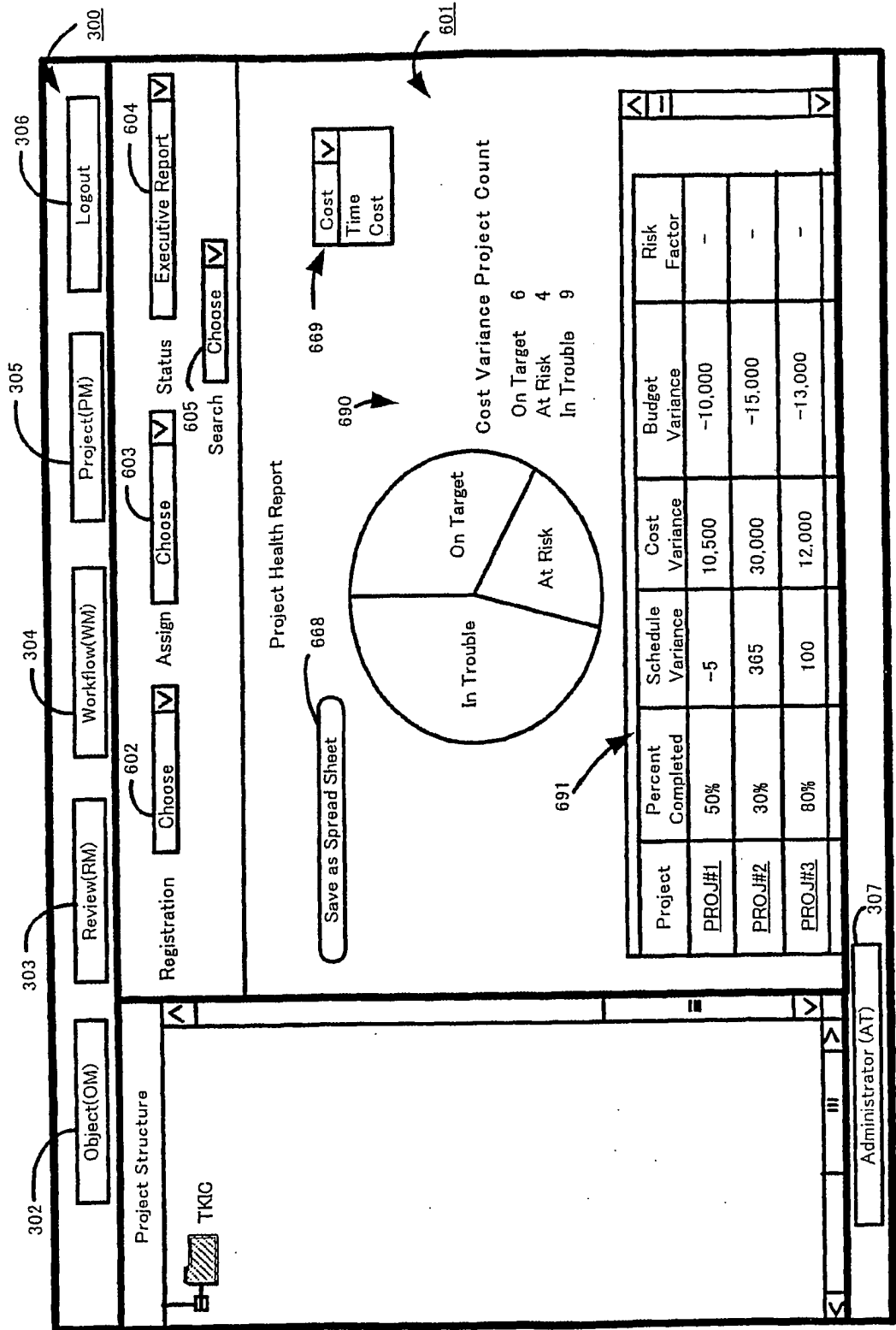


FIG.52

Project Structure

TKIC

EDM

ABM

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

Registration

Assign

Status

Project Schedule

Search

Choose

Status Manager

Selected Project: EDMS

Process: Development

Section	Task	Role	Employee	Expected Start Time	Expected End Time	Actual Start Time	Actual End Time	Start Flag	End Flag
R & D	Need Analysis	Analyst	San Ramon	04/12/2002 09:00	05/11/2002 17:00	04/13/2002 09:00	04/15/2002 17:00		
R & D	Develop Specification	System Engineer	John Jones	04/12/2002 09:00	05/11/2002 17:00	04/20/2002 09:00	-		
Finance	Develop Budget	Financial Controller	Nafis Alam	04/05/2002 09:00	04/11/2002 17:00	04/02/2002 09:00	04/17/2002 17:00		
Hard-ware	Modular Design	-	-	05/12/2002 09:00	06/11/2002 17:00	-	-		
Soft-ware	Modular Design	-	-	05/12/2002 09:00	06/11/2002 17:00	-	-		

Administrator (AT)

Process: Design

FIG. 53

302 Object(OM) 303 Review(RM) 304 Workflow(WM) 305 Project(PM) 306 Logout

602 Choose Assign Choose 603 Status Resource 604 Choose

605 Search Choose

Project Structure

TKIC EDM ABM

Resource Manager

Selected Project: EDMS

Process: Development

No.	Section	Role	Employee	Standard Rate	Overtime Rate	Std. Time Duration	Ovt. Time Duration	Cost
1	R & D	Analyst	San Ramon	140	180	8.0 Hours	2.0 Hours	1,480
2	R & D	System Engineer	John Jones	120	160	20.0 Hours	5.0 Hours	3,200
3	Finance	Financial Controller	Nafis Alam	120	160	5.0 Hours	0.0 Hours	600
4	Hard-ware	Circuit Designer	Rajul Goel	140	180	100.0 Hours	20.0 Hours	17,600
5	Soft-ware	Programmer	Jack Hogan	140	180	150.0 Hours	50.0 Hours	30,000

600

672

639

Material and Equipment Cost: 20,000

Process Labor Cost: 52,880

Process Aggregate Cost: 72,880

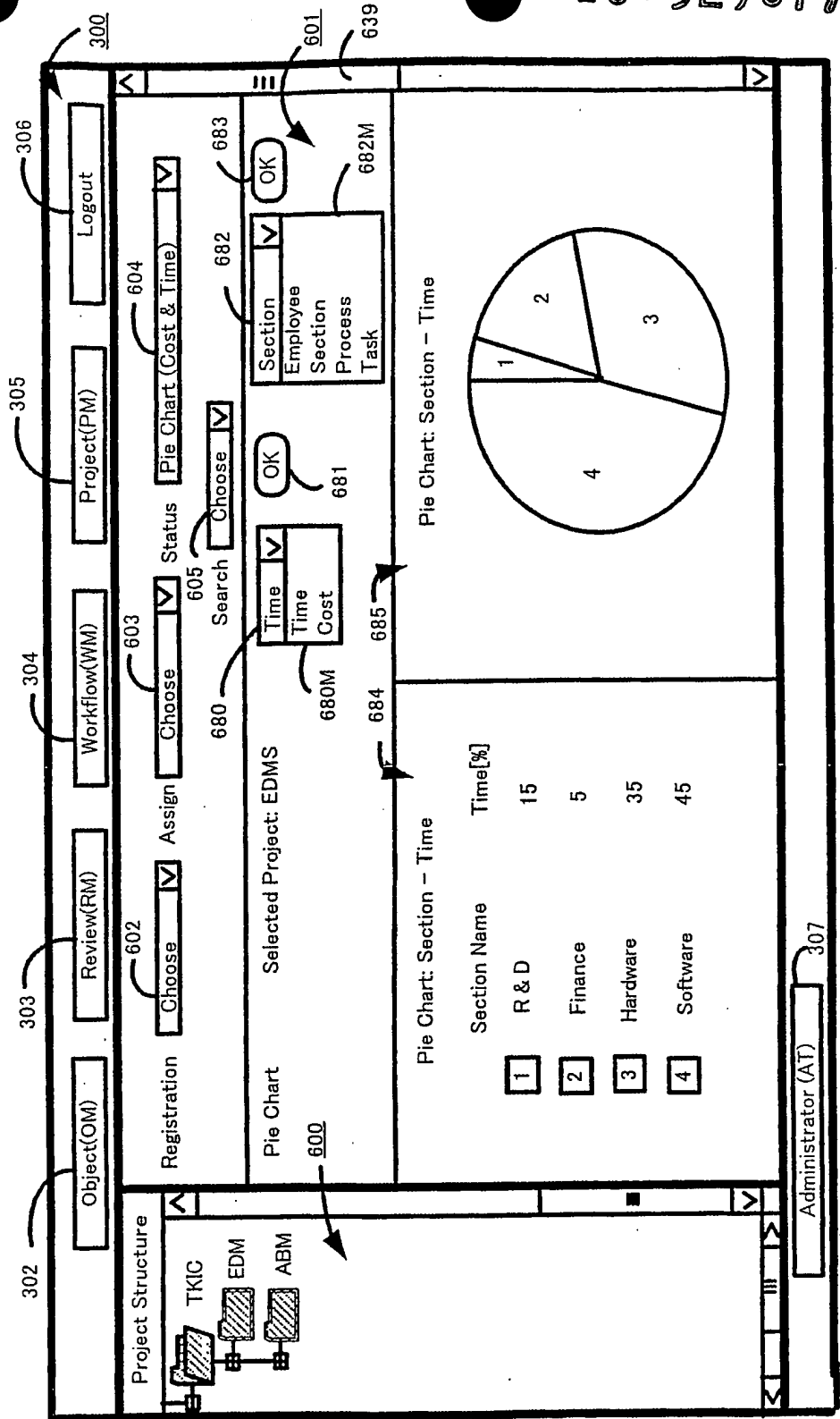
Process Effective Time: 360

Process Time: 150

Process Efficiency: 240 %

Administrator (AT) 307

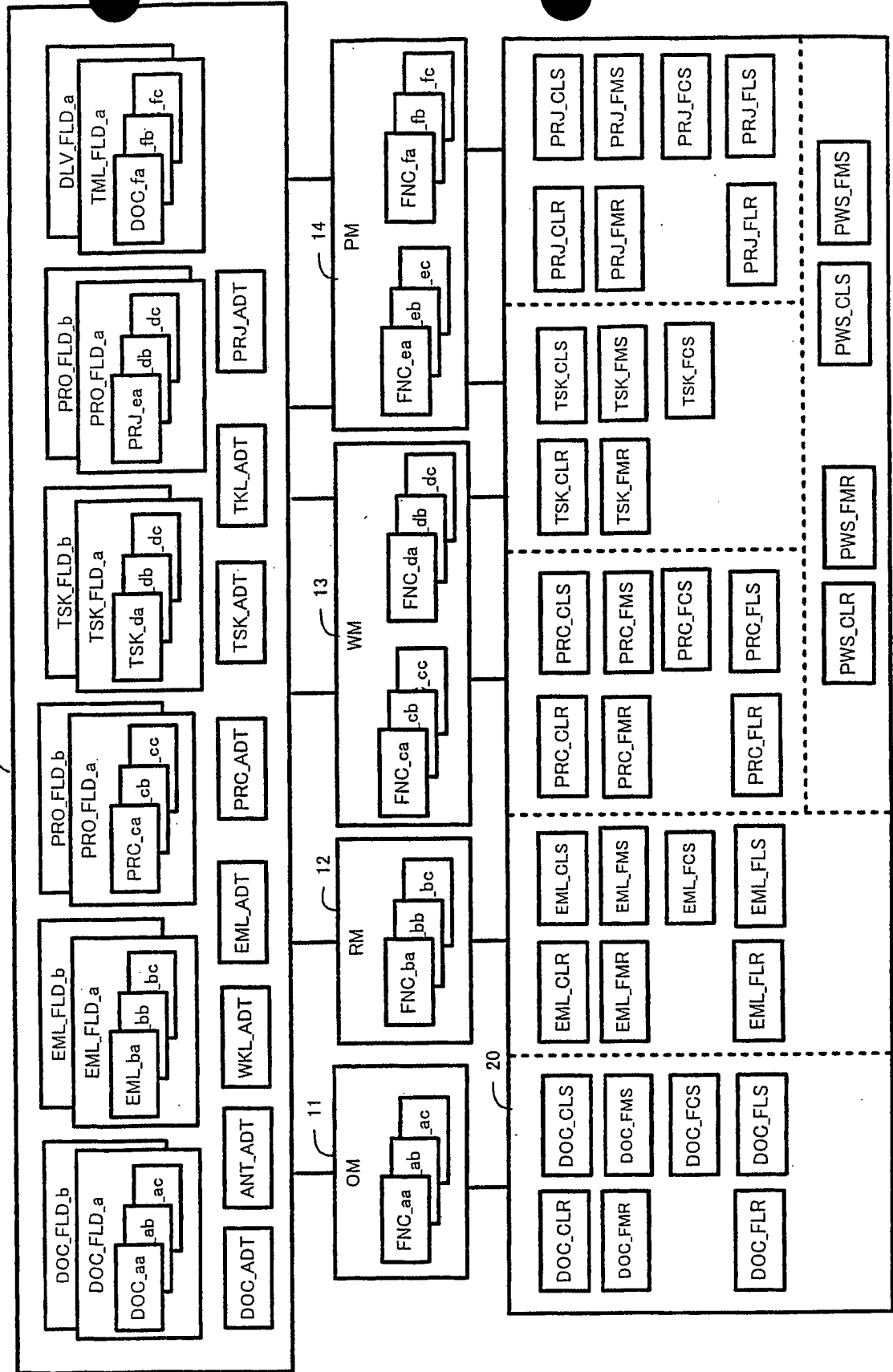
FIG.54



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FIG. 55

20



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FIG. 56

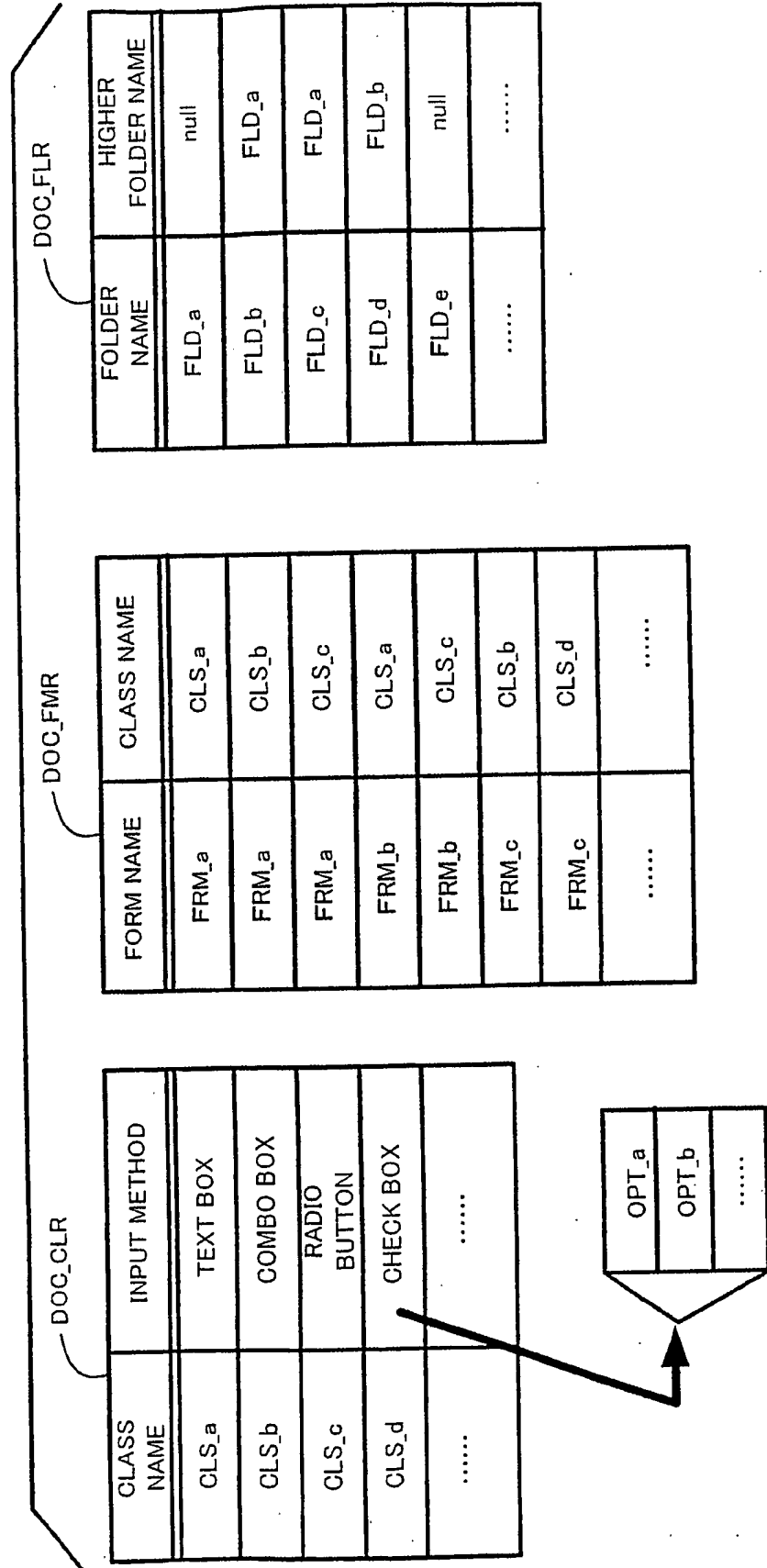


FIG.58

DOC_ADT

DOCUMENT ID	DOCUMENT ID	TYPE	FOLDER	FILE	CL_a VALUE	CL_b VALUE	AUTHOR	CREATION DATE AND TIME
DID_aa	DOC_aa	MD	FLD_a	SYSTEM OUTLINE	SYSTEM PLANS	2003/5/1 10:07:08	USR_a	2003/5/1 10:07:08
DID_ab	DOC_ab	MS	FLD_b	CIRCUIT DESIGN DRAWINGS	PART DESIGN	2003/5/1 10:15:16	USR_b	2003/5/1 10:15:16
DID_ac	DOC_ac	SS	FLD_c	MINUTES OF FIRST MEETING	MARKETING	2003/5/1 11:15:34	USR_c	2003/5/1 11:15:34
.....

%FLD_%FLD_J%FIL_k
%FLD_p%FIL_q
.....

ANT_ADT

ANNOTATION ID	ANNOTATION NAME	DOCUMENT ID	COMMENTS	FILE	AUTHOR	CREATION DATE AND TIME	APPROVER	APPROVAL DATE AND TIME
AID_aa	ANT_a	DID_aa	XXXXXXX	.....	USR_a	2003/5/1 10:07:08	USR_x	2003/5/2 15:10:43
.....

%FLD_r%FLD_s%FIL_t
%FLD_r%FLD_s%FIL_u
.....

WKL_ADT

WORK LIST ID	WORK LIST NAME	DOCUMENT ID	AUTHOR	CREATION DATE AND TIME
WLID_aa	WKL_a	USR_a	2003/6/1 13:17:08
.....

DID_aa
DID_bb
.....

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FIG. 59

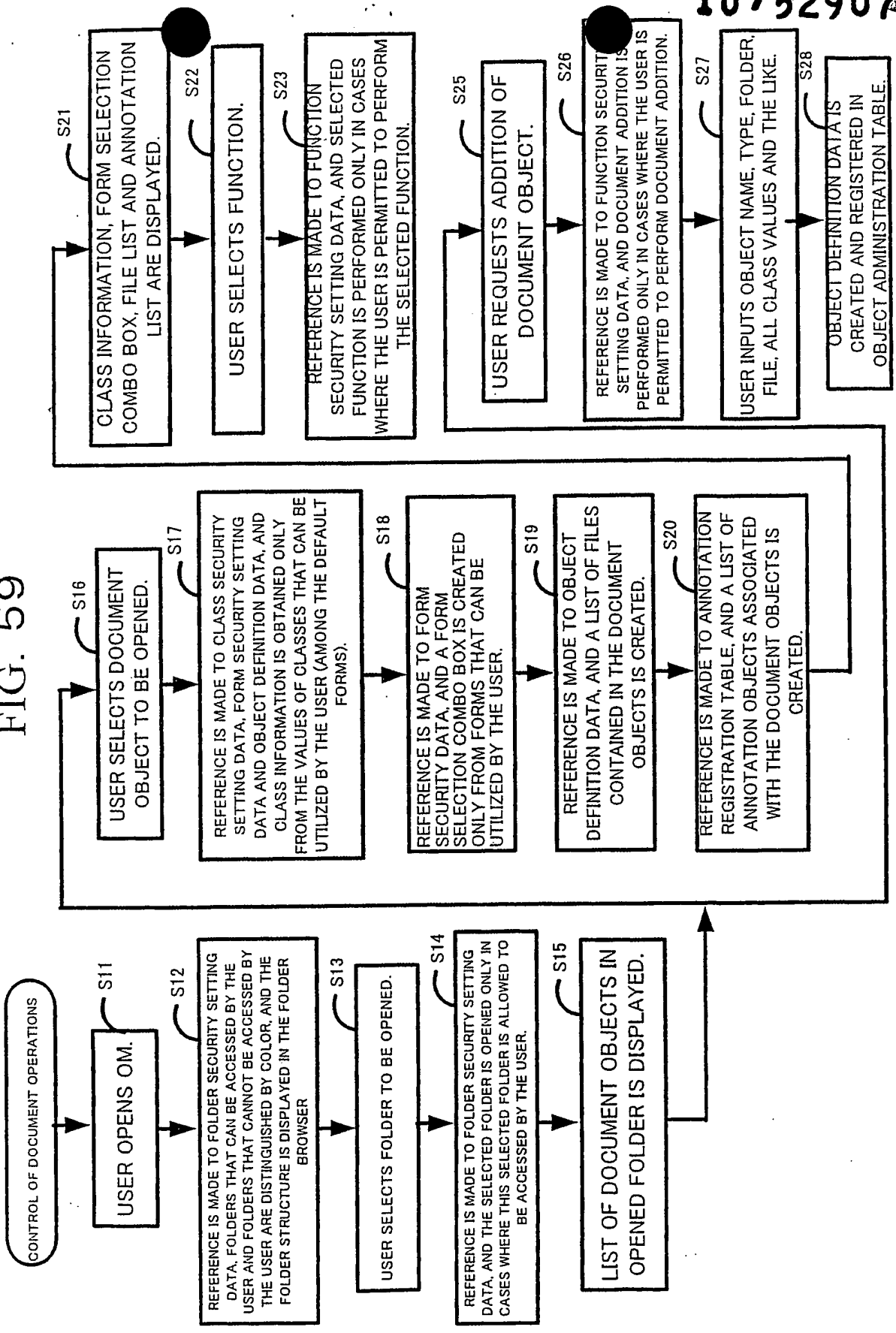


FIG. 60

303

302

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

305

306

101

100

Rev. ☐ Choose ☒ Folder ☐ Choose ☒ Document ☐ Choose ☒ Search ☐ Choose ☒

102

103

104

105

Folder Browser—OM

OM

Template

Deliverable

TKIC

RM

WM

PM

CLASS INFORMATION 131

DOCUMENT NAME	DOC_aa
CLS_a	SYSTEM OUTLINE
CLS_b	SYSTEM PLANS
.....

FORM SELECTION 133

Default

DOCUMENT TYPE MD 135

No.	FILE NAME	View	TYPE
1	FIL_k	W	DOC
2	FIL_j	JPG	JPEG
.....

ADD FILE 139

ADD ANNOTATION 141

No.	ANNOTATION NAME	AUTHOR	CREATION DATE AND TIME	View	APPROVAL LIST	CHOOSE
1	ANT_a	USR_a	2003/5/1 10:07:08	AN	Click	<input type="checkbox"/>

Administrator (AT)

307

100

101

102

103

104

105

FIG. 61

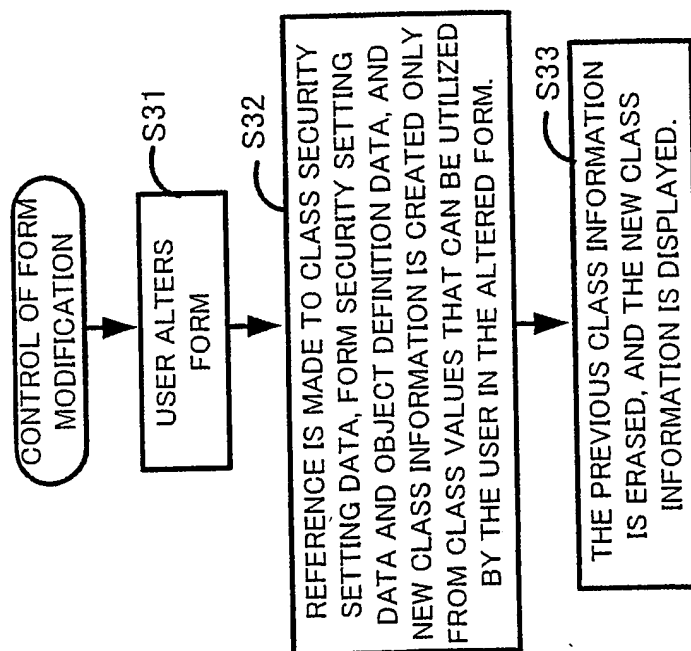


FIG. 62

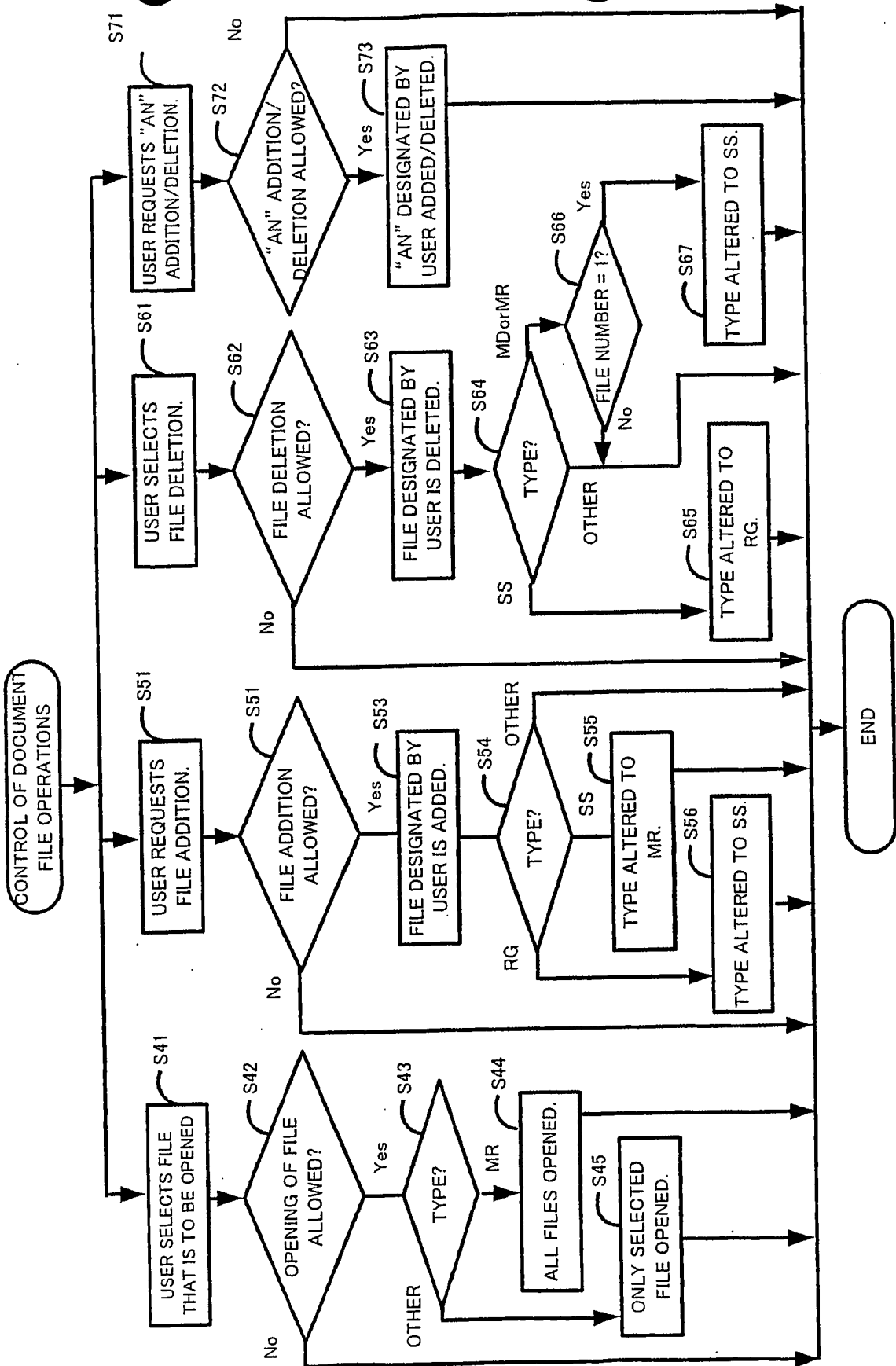


FIG. 63

EML_ADT

MAIL ID	TITLE	TYPE	TRANSMISSION SOURCE	DESTINATION	C.C.	REPLY DEADLINE	CL_a VALUE	.....	MESSAGE	ATTACHMENT
EML_aa	EML_aa	FM	SND_a	DST_a	C.C_a	2003 7/10	XXXX	.....	XXXXXX	
EML_ab	EML_ab	IFM	SND_b	DST_b	C.C_b	-	XXXX	.....	XXXXXX	
.....

¥FOL_x¥FIL_a
DID_a
WKL_a
TKL_a
.....

FORWARDING APPROVAL (AF)	COMMUNICATIONS GROUP LIMITATION(LG)	PRINT	ARCHIVE	TRUNK	TRANSMISSION DATE AND TIME	STATUS
ON	ON	ON	ON	OFF	2003/7/1 10:07:08	BEFORE DEADLINE
ON	OFF	OFF	OFF	OFF	2003/7/1 10:15:16	-
.....	

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FIG. 64

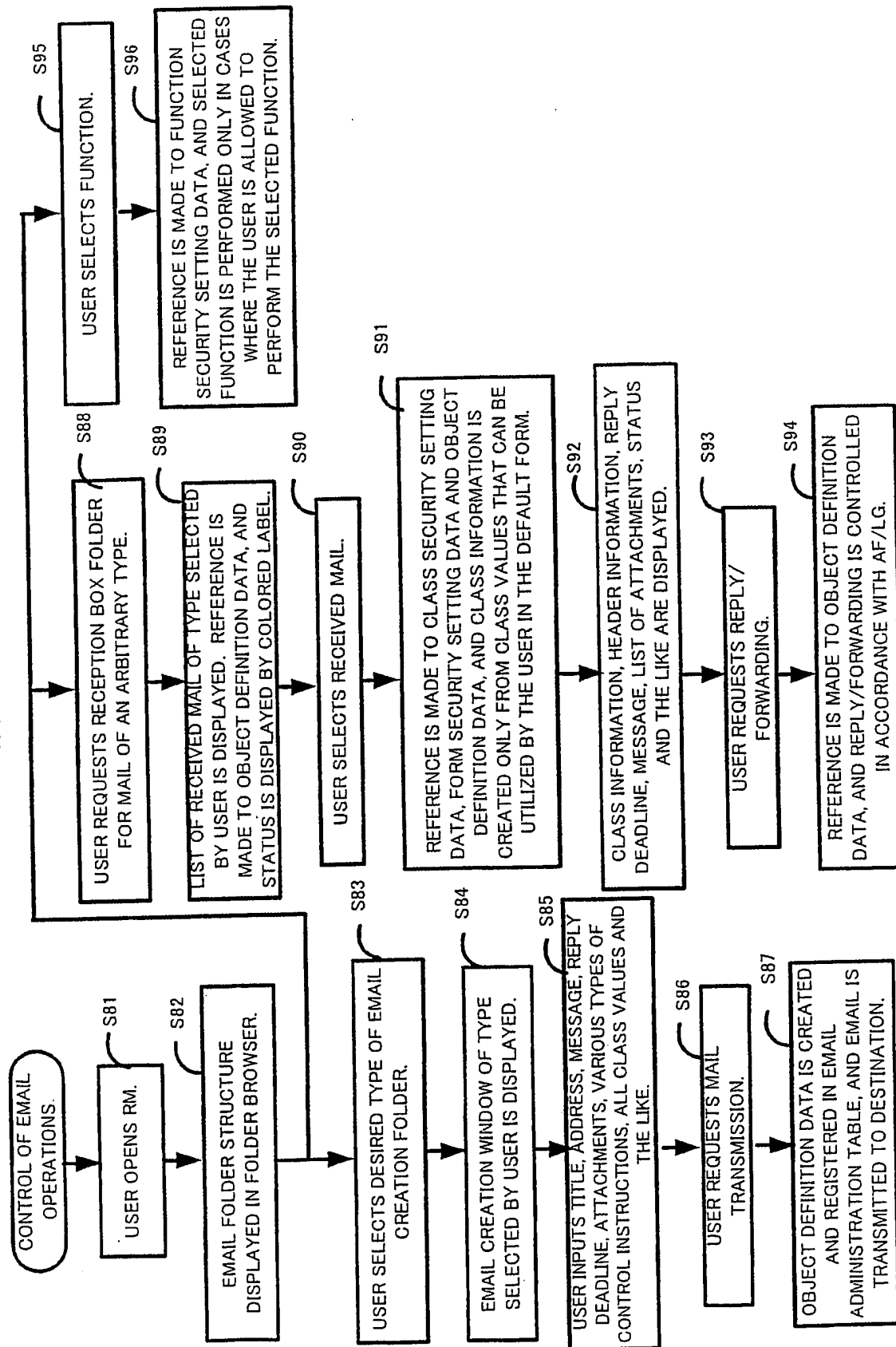


FIG. 65

302

Folder Browser—RM

Compose

Formal

Informal

Bulletin

Inbox

Formal

Informal

Bulletin

Sent Items

Trash

303

Object(OM)

Review(RM)

Workflow(WM)

Project(PM)

Logout

304

message

Folder Choose ☒ 702

message Choose ☒ 703

Edit Choose ☒ 704

Tool Choose ☒ 705

305

Formal Mail

TITLE	EML_aa	TRANSMISSION SOURCE	SND_a	ADDRESS	DST_a	C.C.	C.C._a
CLS_a	XXXX	CLS_b	XXXX	CLS_c	XXXX	.....	.....

700

FORM SELECTION

Default

713

REPLY DEADLINE

2003/7/10

715

STATUS

717

AF ON

719

LG ON

721

701

No.	TITLE	View	TYPE
1	OID_a	DOC	MD
2	FIL_k	JPG	JPEG
.....

723

725

MESSAGE

XXXX

XXXXXXXXXX. XXXXXX.

XXXXXXXXXXXXXXXXXXXX.

Administrator (AT)

307

FIG. 66

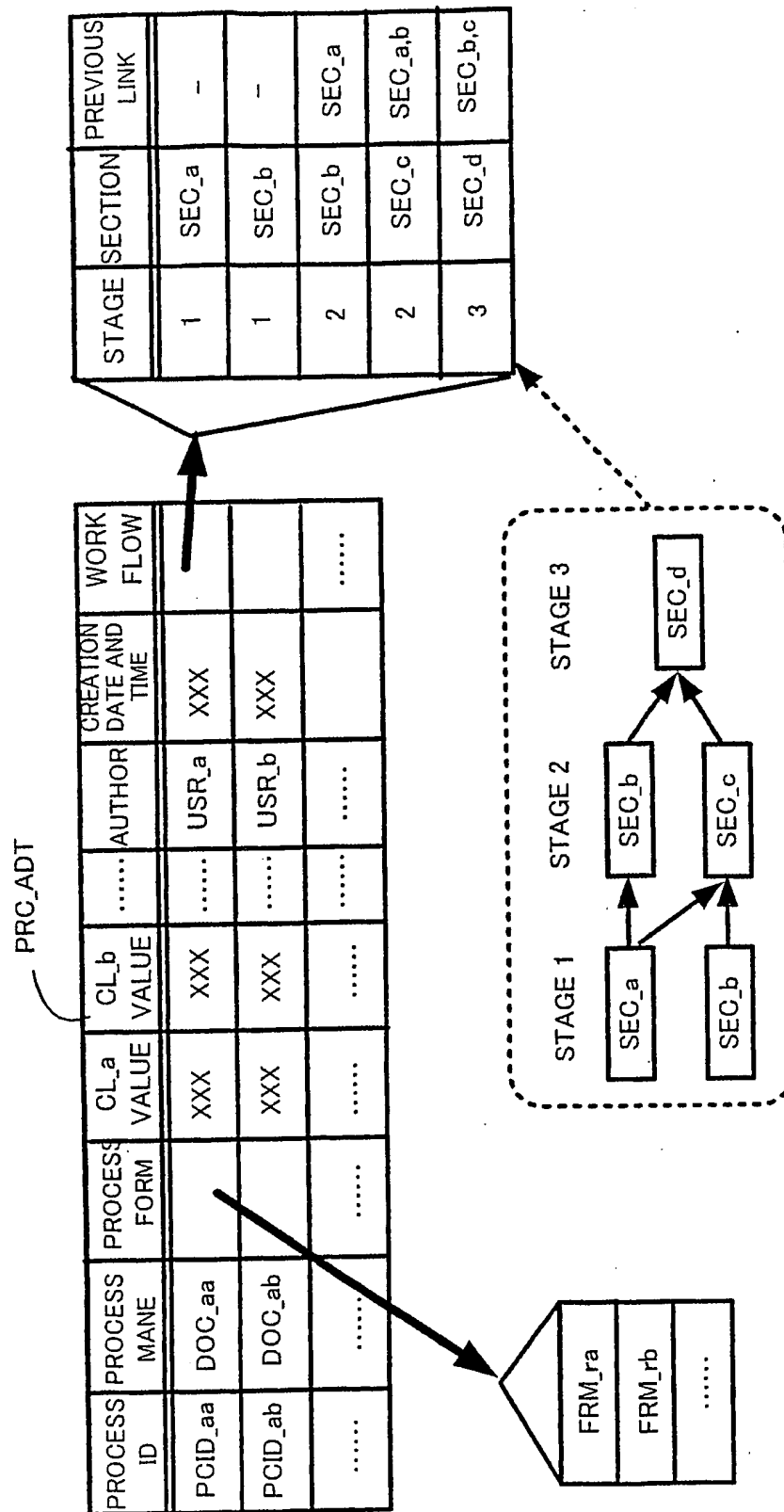


FIG. 67

TSK_ADT

TASK ID	TASK NAME	CL_a VALUE	CL_b VALUE	.....	TEMPLATE	AUTHOR	CREATION DATE AND TIME
TID_aa	TSK_aa	XXX	XXXX	.....		USR_a	2003/5/1 10:07:08
TID_ab	TSK_ab	XXXX	XXXX	.....		USR_b	2003/5/1 10:15:16
.....

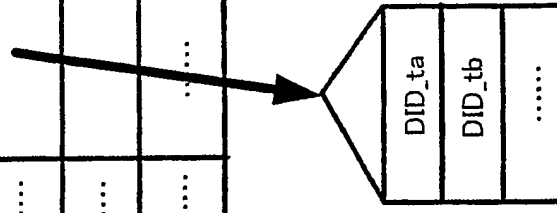


FIG. 68

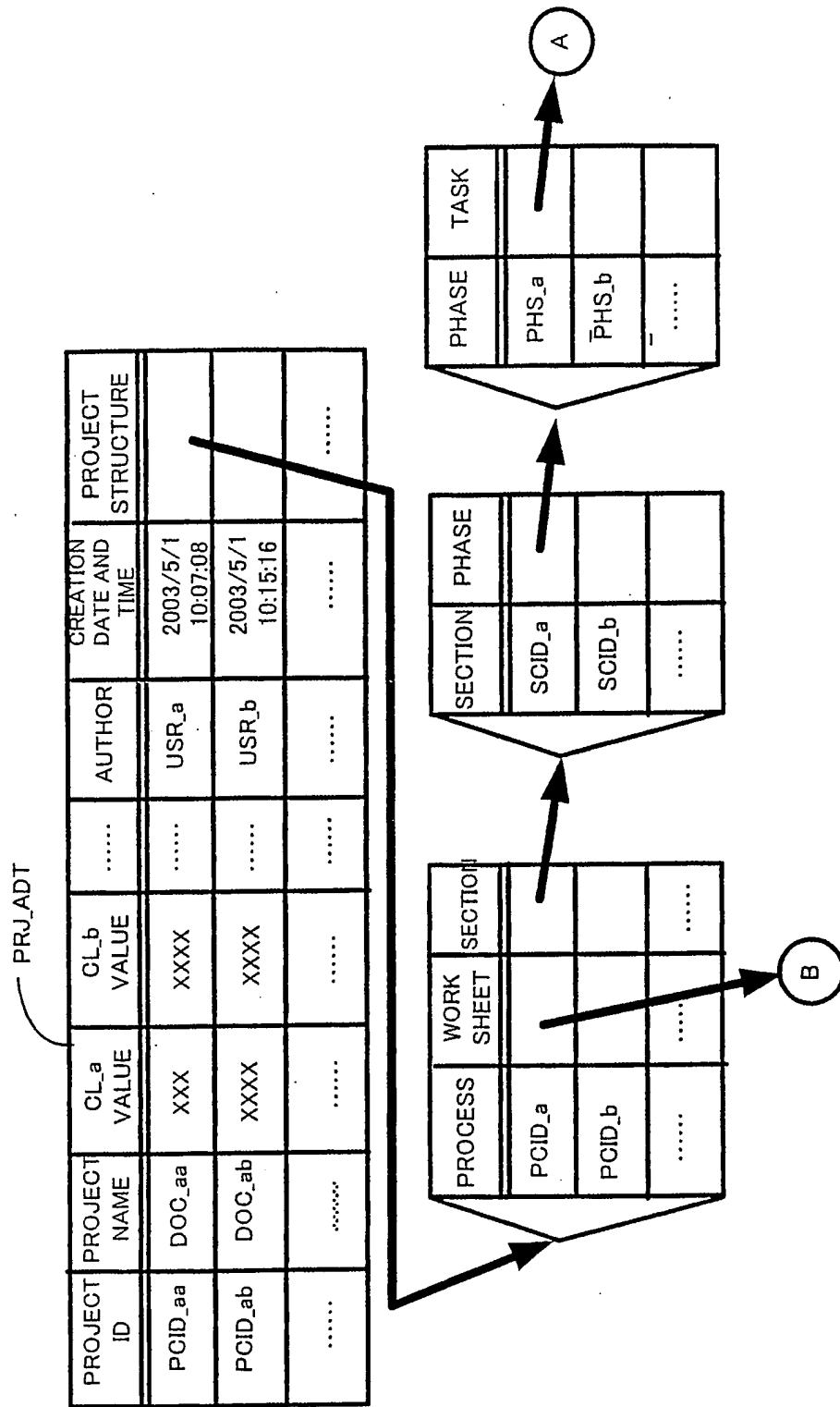


FIG. 69

TASK	SUB-TASK	EMPLOYEE	ROLE	PERSON RESPONSIBLE	EXPECTED START TIME	EXPECTED END TIME	PERIOD	SAFETY RATE (UNITS)	ACTUAL START TIME	ACTUAL END TIME	STATUS
TID_a		USR_n	ROL_n	USR_x	XXX	XXX	XXX	XXX	XXX	XXX	XXX
TID_b		USR_m	ROL_m	USR_y	XXX	XXX	XXX	XXX	XXX	XXX	XXX
.....

A

PROCESS FORM	CL_a VALUE	CL_b VALUE	ATTACHMENTS
FRM_pja	XXX	XXXX	.....
FRM_pjb	XXXX	XXXX
.....

B

SUB-TASK	DELIVERABLE
STID_a
STID_b
.....

DID_ga
DID_gb
.....

DID_xx
DID_yy
.....

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FIG. 70

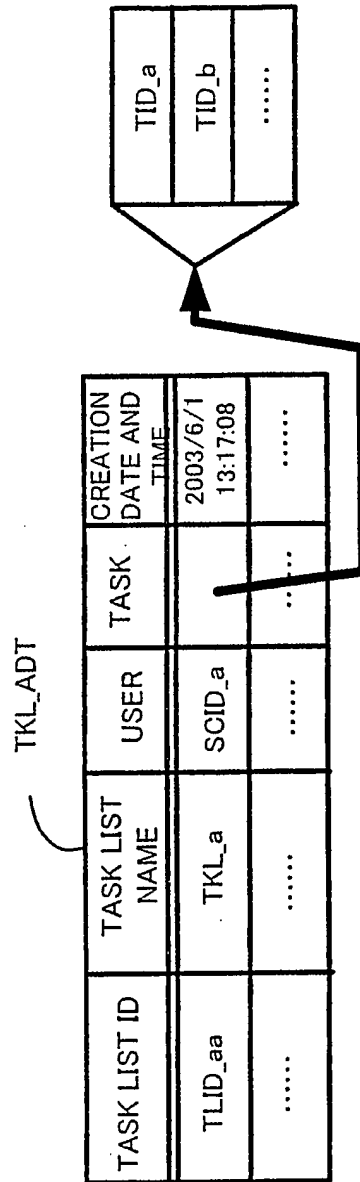
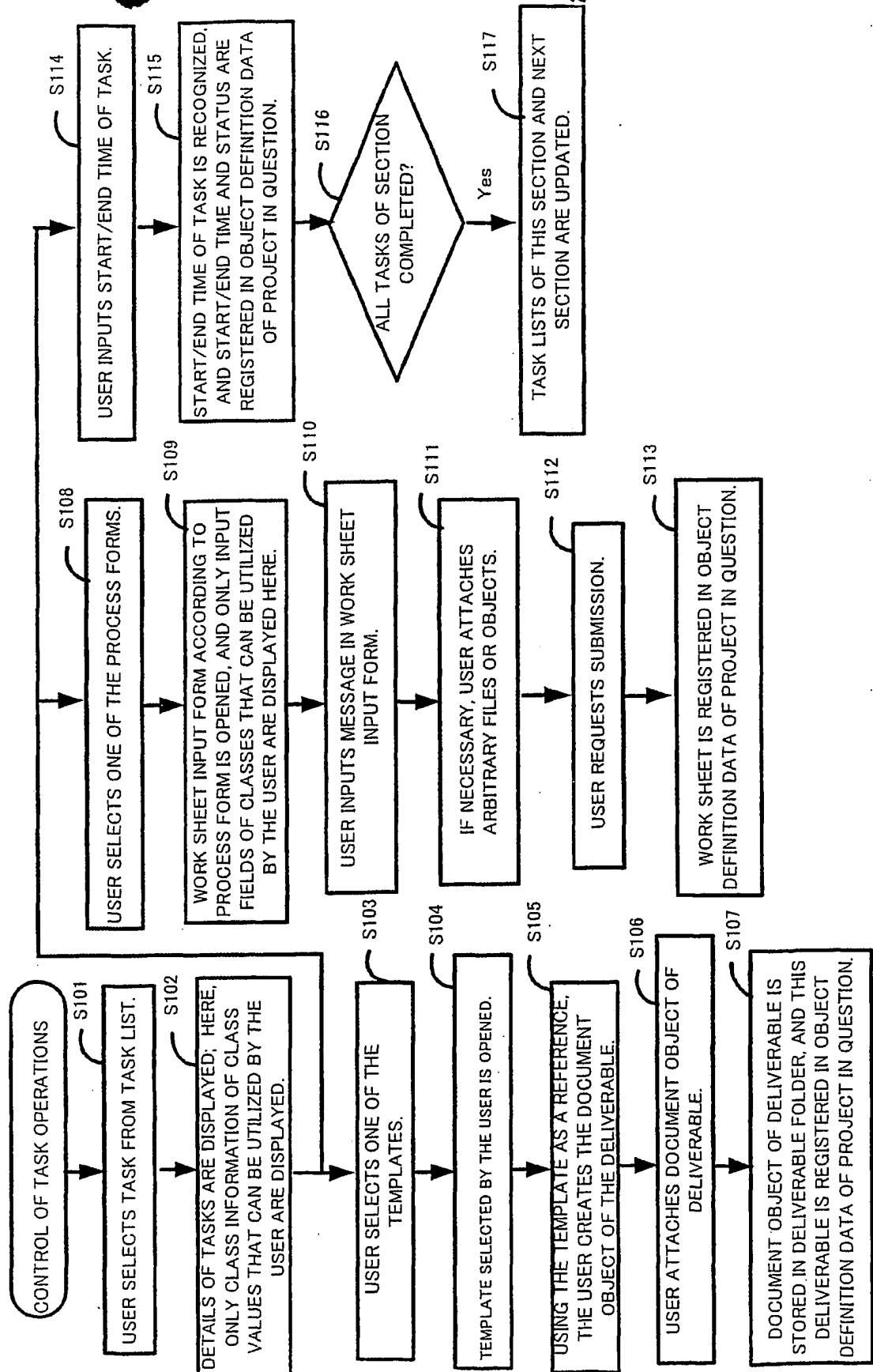


FIG. 71



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